

Converting Colors

XYZ(78.7003, 79.0756, 75.9085)

Have a look what the booklet for
XYZ(78.7003, 79.0756, 75.9085)
contains.

XYZ(78.7442, 79.1323, 76.0895)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.7442, 79.1323,
76.0895)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE1D8
RGB	250, 225, 216
RGB Percent	98%, 88%, 85%
CMY	0.0196, 0.1176, 0.1529
CMYK	0.00, 0.10, 0.14, 0.02
HSL	16°, 77%, 91%
HSV	16°, 14%, 98%
XYZ	78.7442, 79.1323, 76.0895
YIQ	231.4490, 17.7890, 2.5010

Conversions

Conversions Part 2

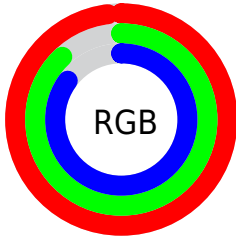
Format	Color
R _Y B	250, 228, 216
Decimal	16441816
CIE Lab	91.29, 7.13, 7.51
CIE LCh	91, 10.353, 46.493
Yxy	79.1323, 0.3366, 0.3382
Android (android.graphics.Color)	4294631896 (0xFFFAE1D8)
YUV	231.4490, -7.6164, 16.2692
Hunter-Lab	88.9563, 2.3347, 11.5553

Details

The XYZ color **78.7442, 79.1323, 76.0895** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.0290, 84.4098, 102.6760**, and the grayscale version is **76.3377, 80.3132, 87.4611**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8001, 42.6601, 39.6966** is the 20% darker color. If you saturate the color by 10%, you get **71.0514, 68.5310, 58.7741**, and if you desaturate by 10%, it is **87.4680, 91.0070, 96.1764**.

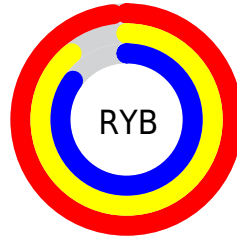
Distribution



Red (98%)

Green (88%)

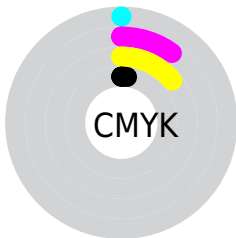
Blue (85%)



Red (98%)

Yellow (89%)

Blue (85%)

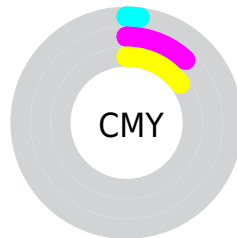


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (2%)



Cyan (2%)


Magenta (12%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7442, 79.1323, 76.0895 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 78.7442, 79.1323, 76.0895 by changing the saturation by 10% instead.


 78.7442, 79.1323,
76.0895

 78.7442, 79.1323,
76.0895


479.4918,
492.0038, 501.0090

 58.9904, 59.0046,
55.9988

130.5585,
132.1451, 129.6147

 42.8517, 42.6168,
39.7980


163.3498,
165.7990, 163.8862

 29.9628, 29.5846,
27.0685


201.2175,
204.7304, 203.7218

 19.9583, 19.5235,
17.3918

244.5272,
249.3237, 249.5399

 12.4728, 12.0491,
10.3493

293.6441,
299.9633, 301.7592

 7.1410, 6.7772,
5.5225

348.9336,

 3.5976, 3.3231,

357.0335, 360.7981

2.4929

410.7610,
420.9189, 427.0752

■ 1.4771, 1.3027,
0.8364

■ 0.3102, 0.1433,
0.0000

■ 78.7442, 79.1323,
76.0895

■ 78.7442, 79.1323,
76.0895

■ 71.0514, 68.5310,
58.7741

■ 87.4680, 91.0070,
96.1764

■ 64.3440, 59.1499,
44.1029

■ 93.2346, 99.0641,
108.8150

■ 58.5827, 50.9477,
31.9461

■ 53.7228, 43.8765,
22.1609

■ 49.7158, 37.8851,
14.5900

■ 46.5083, 32.9180,
9.0570

■ 44.0401, 28.9146,
5.3578

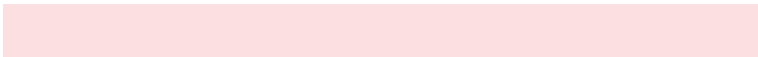
■ 42.2407, 25.8067,
3.2451

■ 41.3852, 24.2453,
2.4986

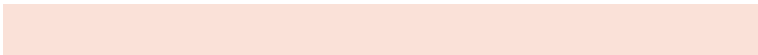
Harmonies

Analogous

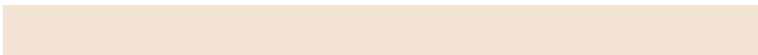
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1609, 79.1323, 82.1196



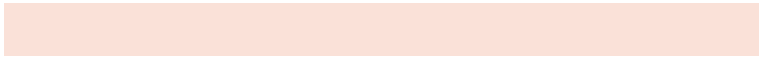
78.7442, 79.1323, 76.0895



76.3988, 79.1323, 72.8470

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.7442, 79.1323, 76.0895



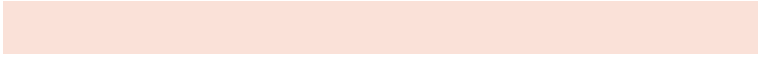
70.4075, 79.1323, 82.8268



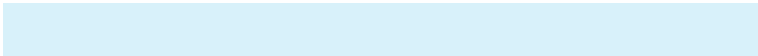
76.6560, 79.1323, 100.7903

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



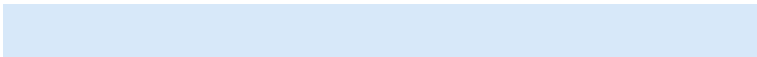
78.7442, 79.1323, 76.0895



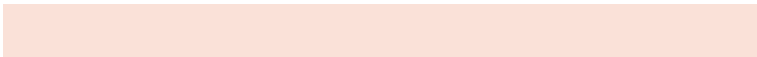
77.0290, 84.4098, 102.6760

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.0393, 79.1323, 101.0071



78.7442, 79.1323, 76.0895



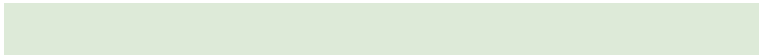
70.4727, 79.1323, 90.3342

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.7442, 79.1323, 76.0895



71.6084, 79.1323, 76.5812



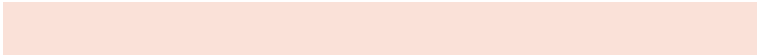
71.7887, 79.1323, 97.0855



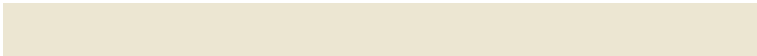
78.9363, 79.1323, 96.5094

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.7442, 79.1323, 76.0895



74.6431, 79.1323, 72.5726



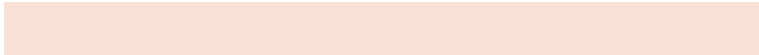
71.7887, 79.1323, 97.0855



75.7855, 79.1323, 101.3492

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78.7464, 79.1358, 76.0912



91.1052, 94.6690, 99.6974



79.9331, 75.8176, 94.0333



19.3457, 20.0537, 20.9805



0.0000, 0.0000, 0.0000



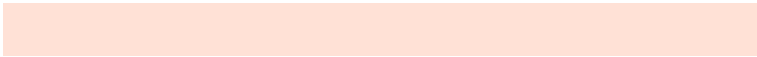
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.7464, 79.1358, 76.0912



80.3299, 79.9787, 74.9559



83.4233, 88.4897, 77.6502



17.6184, 17.9727, 18.0029



22.0515, 13.0597, 1.3585



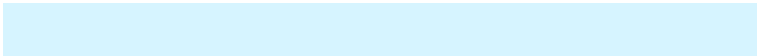
2.1252, 1.3752, 0.1534

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77.0290, 84.4098, 102.6760



78.2492, 86.3646, 107.1536



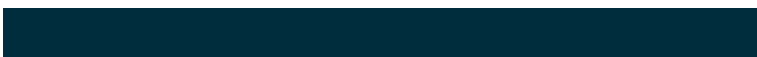
72.3654, 75.0826, 101.1215



17.3541, 18.7851, 22.0965



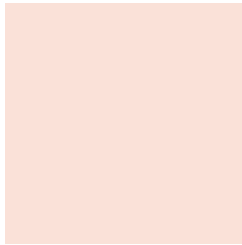
18.3455, 22.0465, 51.2620



1.7858, 2.2152, 4.7766

Previews

White Background



This preview shows how the XYZ color 78.7442, 79.1323, 76.0895 looks on a white background.

Color Contrast Check

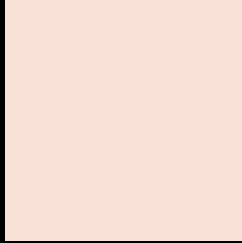
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 78.7442, 79.1323, 76.0895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

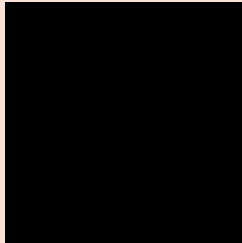
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.7442, 79.1323, 76.0895

Background



This preview shows how black text looks on a background with the XYZ color 78.7442, 79.1323, 76.0895.



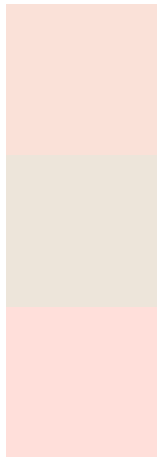
This preview shows how white text looks on a background with the XYZ color 78.7442, 79.1323,

76.0895.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78.7442, 79.1323, 76.0895

Protanopia

75.5993, 79.1051, 77.6140

Deuteranopia

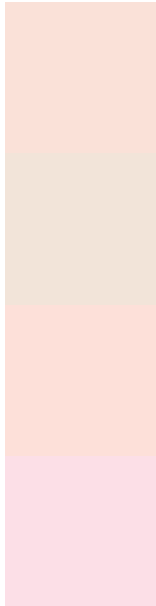
80.2826, 79.0973, 77.3656



Tritanopia

82.2093, 79.3572, 92.6459

Trichromacy



Original Color

78.7442, 79.1323, 76.0895

Protanomaly

76.8857, 79.3738, 76.9140

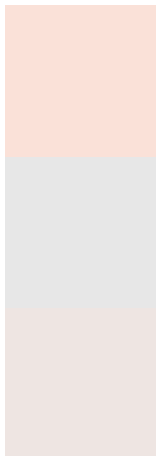
Deuteranomaly

79.6881, 79.2037, 76.7335

Tritanomaly

80.9564, 79.2403, 86.6294

Monochromacy



Original Color

78.7442, 79.1323, 76.0895

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.0067, 79.7068, 83.2778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7442, 79.1323, 76.0895 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(250, 225, 216) looks like.

```
.text, #text, p{  
    color:rgb(250, 225, 216)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(250, 225, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 225, 216) }
```

Border

The CSS property to change the border of an element to XYZ 78.7442, 79.1323, 76.0895 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 225, 216) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(250, 225, 216) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(250, 225, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 225, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 225, 216);  
box-shadow:4px 4px 4px 4px rgb(250, 225,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7442, 79.1323, 76.0895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 225, 216) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(250,  
225, 216) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor