

Converting Colors

XYZ(78.3269, 78.6210, 69.2996)

Have a look what the booklet for
XYZ(78.3269, 78.6210, 69.2996)
contains.

XYZ(78.3042, 78.6502, 69.4464)	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(78.3042, 78.6502,
69.4464)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE0CE
RGB	253, 224, 206
RGB Percent	99%, 88%, 81%
CMY	0.0078, 0.1215, 0.1922
CMYK	0.00, 0.11, 0.19, 0.01
HSL	23°, 92%, 90%
HSV	23°, 19%, 99%
XYZ	78.3042, 78.6502, 69.4464
YIQ	230.6190, 23.0620, 0.5500

Conversions

Conversions Part 2

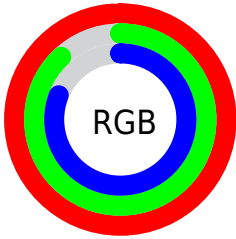
Format	Color
R _Y B	253, 235, 206
Decimal	16638158
CIE Lab	91.08, 7.19, 12.46
CIE LCh	91, 14.383, 59.997
Yxy	78.6502, 0.3459, 0.3474
Android (android.graphics.Color)	4294828238 (0xFFFDE0CE)
YUV	230.6190, -12.1372, 19.6281
Hunter-Lab	88.6849, 2.4076, 15.6513

Details

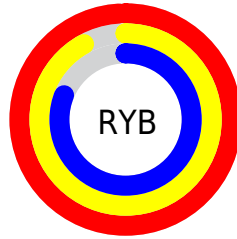
The XYZ color **78.3042, 78.6502, 69.4464** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.8909, 79.6282, 104.4570**, and the grayscale version is **75.7496, 79.6944, 86.7872**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6204, 42.3787, 35.6393** is the 20% darker color. If you saturate the color by 10%, you get **71.4712, 69.5129, 53.2061**, and if you desaturate by 10%, it is **86.0213, 88.7626, 88.4240**.

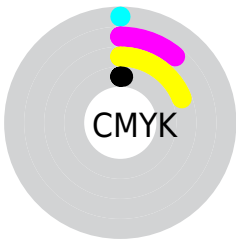
Distribution



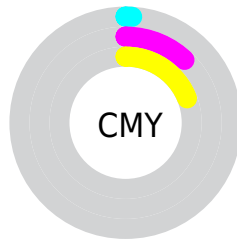
- Red (99%)
- Green (88%)
- Blue (81%)



- Red (99%)
- Yellow (92%)
- Blue (81%)



- Cyan (0%)
- Magenta (11%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3042, 78.6502, 69.4464 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 78.3042, 78.6502, 69.4464 by changing the saturation by 10% instead.


 78.3042, 78.6502,
69.4464

 78.3042, 78.6502,
69.4464


478.0233,
490.3722, 477.3403

 58.6276, 58.6083,
50.6013


129.9420,
131.4663, 120.0926

 42.5586, 42.2978,
35.5169


162.6338,
165.0092, 152.7309

 29.7319, 29.3346,
23.7746


200.3947,
203.8213, 190.8040

 19.7823, 19.3341,
14.9558

243.5901,
248.2869, 234.7304

 12.3442, 11.9119,
8.6421

292.5853,
298.7903, 284.9287

 7.0524, 6.6837,
4.4149

347.7457,

 3.5415, 3.2651,

355.7161, 341.8174

1.8556

409.4366,
419.4486, 405.8151

■ 1.4462, 1.2717,
0.4643

■ 0.2888, 0.1191,
0.0000

■ 78.3042, 78.6502,
69.4464

■ 78.3042, 78.6502,
69.4464

■ 71.4712, 69.5129,
53.2061

■ 86.0213, 88.7626,
88.4240

■ 65.4820, 61.3101,
39.5702

94.3182, 99.6227,
108.8658

■ 60.3025, 54.0136,
28.4022

■ 55.8933, 47.5896,
19.5510

■ 52.2115, 42.0020,
12.8485

■ 49.2092, 37.2118,
8.1039

■ 46.8311, 33.1756,
5.0913

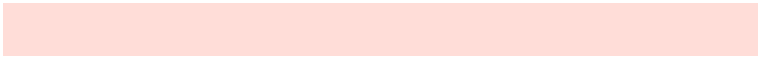
■ 45.0033, 29.8414,
3.4914

■ 44.7756, 29.4176,
3.3182

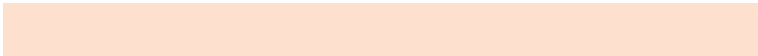
Harmonies

Analogous

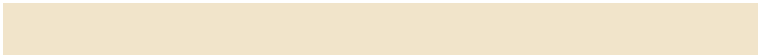
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9722, 78.6502, 76.0146



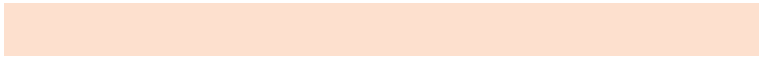
78.3042, 78.6502, 69.4464



74.7551, 78.6502, 67.1400

Triad

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



78.3042, 78.6502, 69.4464



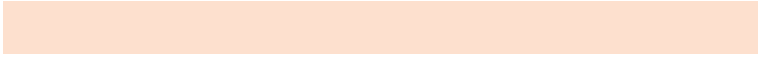
67.9813, 78.6502, 85.6355



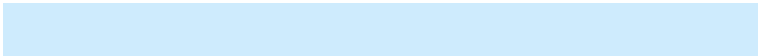
78.3035, 78.6502, 104.1673

Complementary

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



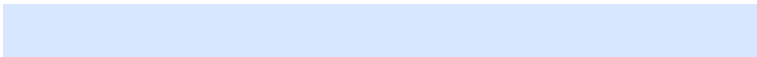
78.3042, 78.6502, 69.4464



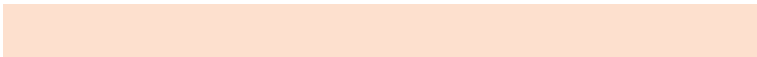
72.8909, 79.6282, 104.4570

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.



74.7542, 78.6502, 107.2522



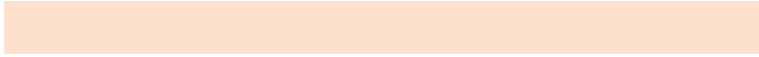
78.3042, 78.6502, 69.4464



68.8638, 78.6502, 96.0383

Square

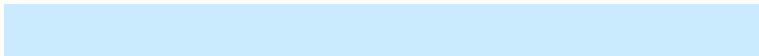
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3042, 78.6502, 69.4464



68.8642, 78.6502, 76.0127



71.3140, 78.6502, 104.1659



80.9718, 78.6502, 96.0405

Rectangle

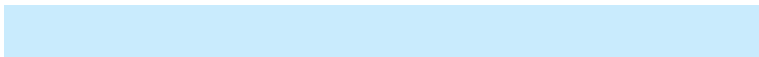
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.3042, 78.6502, 69.4464



72.3901, 78.6502, 68.1712



71.3140, 78.6502, 104.1659



77.1702, 78.6502, 105.8563

Sweetspot

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



78.3063, 78.6537, 69.4481



89.7461, 93.1784, 95.4597



77.6865, 71.0688, 88.8031



19.0902, 19.7898, 20.1329



0.0000, 0.0000, 0.0000



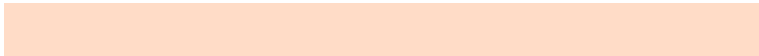
20.3446, 21.4041, 23.3091

Same Dimension

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



78.3063, 78.6537, 69.4481



77.2332, 76.7708, 64.7196



84.8285, 91.6980, 71.6221



18.5798, 19.1277, 18.8571



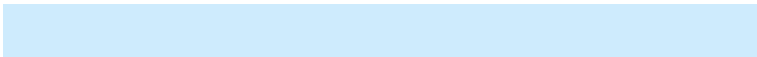
23.9488, 15.9088, 1.8085



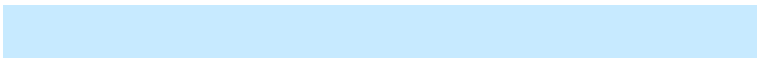
2.4335, 1.7524, 0.2100

Inverse Universe

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



72.8909, 79.6282, 104.4570



70.8598, 77.9148, 105.9121



66.7943, 67.4351, 102.4248



17.9362, 19.2440, 23.0191



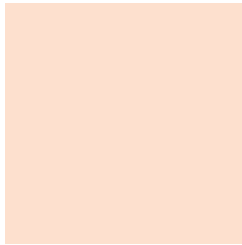
15.9081, 16.7259, 51.8246



1.6547, 1.8400, 5.0812

Previews

White Background



This preview shows how the XYZ color 78.3042, 78.6502, 69.4464 looks on a white background.

Color Contrast Check

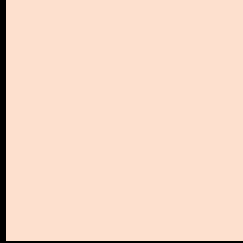
Large Text (above 18pt) WCAG AA × Fail

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 78.3042, 78.6502, 69.4464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

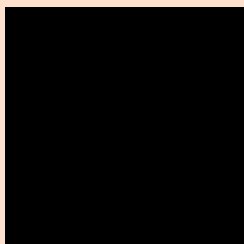
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3042, 78.6502, 69.4464

Background



This preview shows how black text looks on a background with the XYZ color 78.3042, 78.6502, 69.4464.



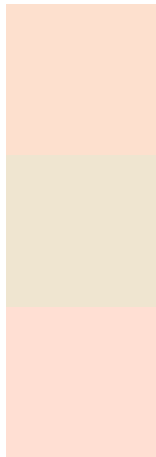
This preview shows how white text looks on a background with the XYZ color 78.3042, 78.6502,

69.4464.

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

78.3042, 78.6502, 69.4464

Protanopia

75.0011, 78.9434, 70.9591

Deuteranopia

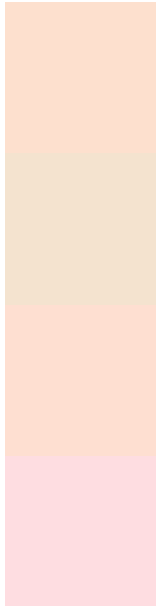
79.3855, 78.7385, 72.6420



Tritanopia

81.9735, 78.5025, 90.1889

Trichromacy



Original Color

78.3042, 78.6502, 69.4464

Protanomaly

76.0398, 78.6763, 70.2098

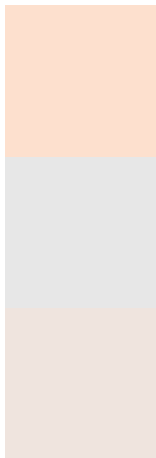
Deuteranomaly

78.7694, 78.4496, 71.3123

Tritanomaly

80.3201, 78.2200, 82.0988

Monochromacy



Original Color

78.3042, 78.6502, 69.4464

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.5248, 79.1115, 80.3440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3042, 78.6502, 69.4464 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(253, 224, 206) looks like.

```
.text, #text, p{  
    color:rgb(253, 224, 206)  
}
```

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(253, 224, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 224, 206) }
```

Border

The CSS property to change the border of an element to XYZ 78.3042, 78.6502, 69.4464 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(253, 224, 206) }
```


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

```
.border{ border-color:rgb(253, 224, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 224, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 224, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 224, 206);  
box-shadow:4px 4px 4px 4px rgb(253, 224,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3042, 78.6502, 69.4464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 224, 206) }
```

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

```
.background{ background-color: rgb(253,  
224, 206) }
```

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](#).

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