

Converting Colors

XYZ(76.3948, 78.2965, 62.9411)

Have a look what the booklet for
XYZ(76.3948, 78.2965, 62.9411)
contains.

XYZ(76.1999, 78.1146, 62.6912)	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(76.1999, 78.1146,
62.6912)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE1C3
RGB	250, 225, 195
RGB Percent	98%, 88%, 76%
CMY	0.0196, 0.1176, 0.2353
CMYK	0.00, 0.10, 0.22, 0.02
HSL	33°, 85%, 87%
HSV	33°, 22%, 98%
XYZ	76.1999, 78.1146, 62.6912
YIQ	229.0550, 24.5300, -4.0300

Conversions

Conversions Part 2

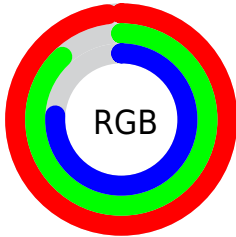
Format	Color
R _Y B	241, 250, 195
Decimal	16441795
CIE Lab	90.83, 4.01, 17.81
CIE LCh	91, 18.254, 77.325
Yxy	78.1146, 0.3511, 0.3600
Android (android.graphics.Color)	4294631875 (0xFFFAE1C3)
YUV	229.0550, -16.7891, 18.3688
Hunter-Lab	88.3825, -0.7736, 19.8123

Details

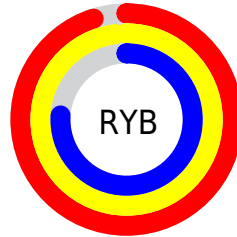
The XYZ color **76.1999, 78.1146, 62.6912** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.3537, 69.6888, 100.4497**, and the grayscale version is **74.6254, 78.5118, 85.4993**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **41.1748, 42.0100, 31.1379** is the 20% darker color. If you saturate the color by 10%, you get **70.6372, 71.1401, 48.0395**, and if you desaturate by 10%, it is **82.4444, 85.6943, 79.9068**.

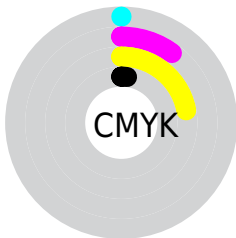
Distribution



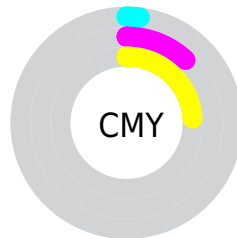
- Red (98%)
- Green (88%)
- Blue (76%)



- Red (95%)
- Yellow (98%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1999, 78.1146, 62.6912 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 76.1999, 78.1146, 62.6912 by changing the saturation by 10% instead.


 76.1999, 78.1146,
62.6912

 76.1999, 78.1146,
62.6912


470.9656,
488.5559, 452.5250

 56.8941, 58.1681,
45.1520


126.9883,
130.7117, 110.3052

 41.1600, 41.9438,
31.2334


159.2016,
164.1310, 141.2170

 28.6324, 29.0573,
20.5167

196.4480,
202.8102, 177.4236

 18.9458, 19.1242,
12.5834

239.0930,
247.1334, 219.3433

 11.7349, 11.7600,
7.0150

287.5019,
297.4853, 267.3948

 6.6343, 6.5805,
3.3929

342.0401,

 3.2788, 3.2012,

354.2500, 321.9965

1.2986

403.0729,
417.8121, 383.5671

■ 1.3028, 1.2376,
0.0606

■ 0.1853, 0.0921,
0.0000

■ 76.1999, 78.1146,
62.6912

■ 76.1999, 78.1146,
62.6912

■ 70.6372, 71.1401,
48.0395

■ 82.4444, 85.6943,
79.9068

■ 65.7226, 64.7428,
35.8214

■ 89.3904, 93.8850,
99.7979

■ 61.4287, 58.9079,
25.9025

■ 93.2345, 99.0641,
108.8150

■ 57.7229, 53.6159,
18.1334

■ 54.5696, 48.8454,
12.3466

■ 51.9279, 44.5729,
8.3493

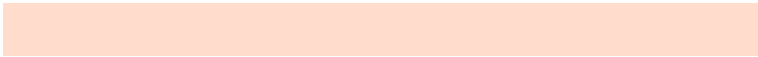
■ 49.7493, 40.7715,
5.9095

■ 48.2834, 38.0418,
4.7980

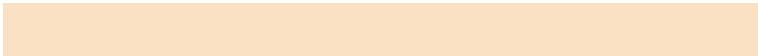
Harmonies

Analogous

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



80.3929, 78.1146, 67.7840



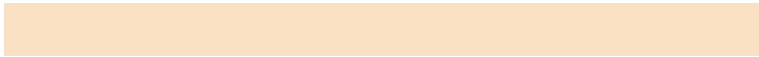
76.1999, 78.1146, 62.6912



71.6472, 78.1146, 63.1254

Triad

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



76.1999, 78.1146, 62.6912



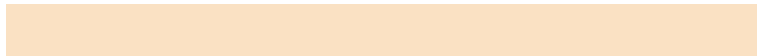
66.1316, 78.1146, 92.8081



80.9281, 78.1146, 103.3714

Complementary

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



76.1999, 78.1146, 62.6912



65.3537, 69.6888, 100.4497

Split Complementary

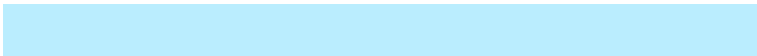
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9061, 78.1146, 111.5492



76.1999, 78.1146, 62.6912



68.4199, 78.1146, 105.0322

Square

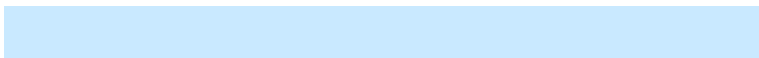
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1999, 78.1146, 62.6912



65.9601, 78.1146, 79.6247



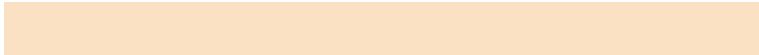
72.3250, 78.1146, 112.1865



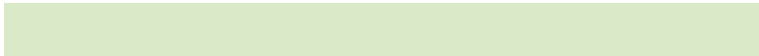
83.1974, 78.1146, 90.7237

Rectangle

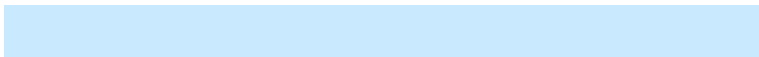
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.1999, 78.1146, 62.6912



69.0196, 78.1146, 66.4880



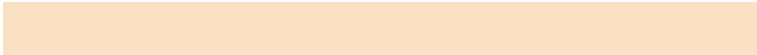
72.3250, 78.1146, 112.1865



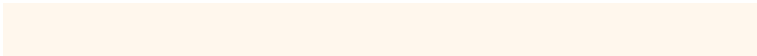
79.7289, 78.1146, 106.7884

Sweetspot

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



76.2020, 78.1181, 62.6928



89.7745, 93.8363, 93.6163



71.9470, 64.5579, 76.8437



19.1218, 19.9743, 19.7698



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

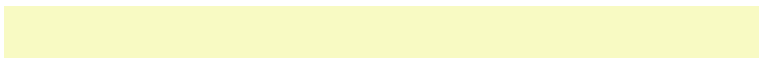
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2020, 78.1181, 62.6928



77.2828, 78.7012, 59.0912



82.8070, 92.2988, 65.0819



18.0294, 18.7946, 18.1399



25.7567, 20.4701, 2.5936



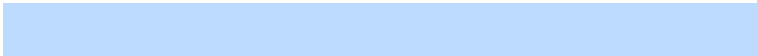
2.4915, 2.1078, 0.2755

Inverse Universe

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



65.3537, 69.6888, 100.4497



64.2491, 68.5749, 104.4577



59.7537, 57.7812, 98.4465



16.9328, 17.9424, 21.9561



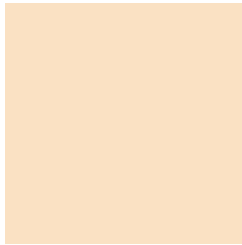
12.4610, 10.2776, 49.3006



1.2585, 1.1607, 4.6009

Previews

White Background



This preview shows how the XYZ color 76.1999, 78.1146, 62.6912 looks on a white background.

Color Contrast Check

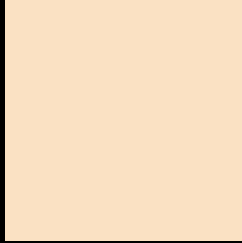
Large Text (above 18pt) WCAG AA × Fail

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 76.1999, 78.1146, 62.6912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

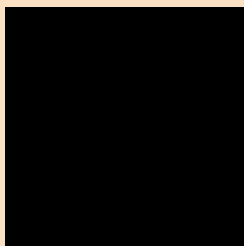
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1999, 78.1146, 62.6912

Background



This preview shows how black text looks on a background with the XYZ color 76.1999, 78.1146, 62.6912.



This preview shows how white text looks on a background with the XYZ color 76.1999, 78.1146,

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

76.1999, 78.1146, 62.6912

Protanopia

73.7566, 78.0433, 63.9998

Deuteranopia

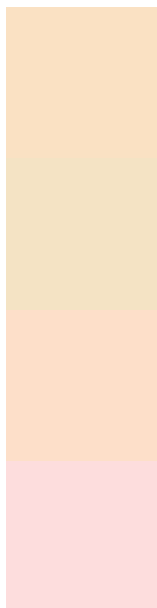
78.2604, 77.8622, 68.0309



Tritanopia

81.7118, 77.9792, 90.1017

Trichromacy



Original Color

76.1999, 78.1146, 62.6912

Protanomaly

74.7411, 78.1568, 63.3710

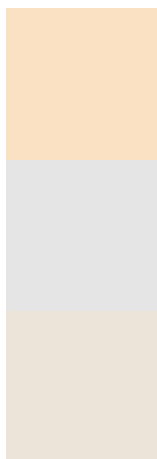
Deuteranomaly

77.4383, 77.8750, 66.2083

Tritanomaly

79.4156, 77.8160, 79.2410

Monochromacy



Original Color

76.1999, 78.1146, 62.6912

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.1928, 78.5011, 76.8348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1999, 78.1146, 62.6912 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, 195) looks like.

```
.text, #text, p{  
    color:rgb(250, 225, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 225, 195) }
```

Border

The CSS property to change the border of an element to XYZ 76.1999, 78.1146, 62.6912 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, 195) }
```


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

```
.border{ border-color:rgb(250, 225, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 225, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 225, 195);  
box-shadow:4px 4px 4px 4px rgb(250, 225,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1999, 78.1146, 62.6912 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, 195) }
```

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

```
.background{ background-color: rgb(250,  
225, 195) }
```

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