

Converting Colors

XYZ(77.6559, 77.1935, 68.9061)

Have a look what the booklet for
XYZ(77.6559, 77.1935, 68.9061)
contains.

XYZ(77.5050, 77.0518, 69.1800) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(77.5050, 77.0518,
69.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDDCE
RGB	253, 221, 206
RGB Percent	99%, 87%, 81%
CMY	0.0078, 0.1333, 0.1922
CMYK	0.00, 0.13, 0.19, 0.01
HSL	19°, 92%, 90%
HSV	19°, 19%, 99%
XYZ	77.5050, 77.0518, 69.1800
YIQ	228.8580, 23.8870, 2.1190

Conversions

Conversions Part 2

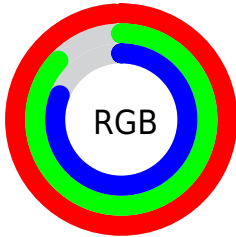
Format	Color
R _{YB}	253, 228, 206
Decimal	16637390
CIE Lab	90.35, 8.74, 11.42
CIE LCh	90, 14.378, 52.564
Yxy	77.0518, 0.3464, 0.3444
Android (android.graphics.Color)	4294827470 (0xFFFD DDC E)
YUV	228.8580, -11.2690, 21.1725
Hunter-Lab	87.7792, 3.9939, 14.7181

Details

The XYZ color **77.5050, 77.0518, 69.1800** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7571, 81.3606, 104.7457**, and the grayscale version is **74.4415, 78.3182, 85.2885**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0687, 41.2752, 35.4554** is the 20% darker color. If you saturate the color by 10%, you get **70.3595, 67.2895, 52.8355**, and if you desaturate by 10%, it is **85.6160, 87.9519, 88.2888**.

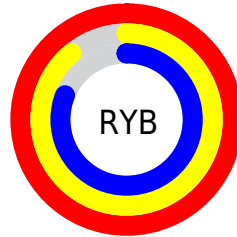
Distribution



Red (99%)

Green (87%)

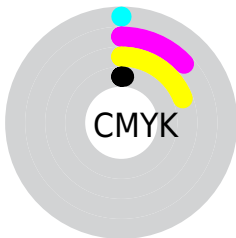
Blue (81%)



Red (99%)

Yellow (89%)

Blue (81%)

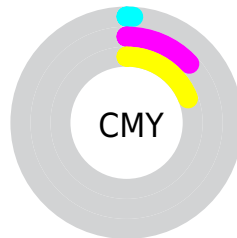


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5050, 77.0518, 69.1800 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 77.5050, 77.0518, 69.1800 by changing the saturation by 10% instead.


 77.5050, 77.0518,
69.1800

 77.5050, 77.0518,
69.1800


475.3497,
484.9406, 476.3767

 57.9688, 57.2954,
50.3856

128.8212,
129.2126, 119.7088

 42.0267, 41.2424,
35.3466


161.3318,
162.3858, 152.2802

 29.3134, 28.5086,
23.6443

198.8981,
200.8000, 190.2812

 19.4635, 18.7094,
14.8602

241.8852,
244.8397, 234.1301

 12.1117, 11.4605,
8.5758

290.6585,
294.8892, 284.2456

 6.8925, 6.3775,
4.3725

345.5835,

 3.4407, 3.0759,

351.3329, 341.0462

1.8319

407.0254,
414.5553, 404.9503

■ 1.3909, 1.1715,
0.4488

■ 0.2497, 0.0382,
0.0000

■ 77.5050, 77.0518,
69.1800

■ 77.5050, 77.0518,
69.1800

■ 70.3595, 67.2895,
52.8355

■ 85.6160, 87.9519,
88.2888

■ 64.1356, 58.6173,
39.1214

94.3182, 99.6227,
108.8658

■ 58.7952, 50.9989,
27.8997

■ 54.2947, 44.3923,
19.0181

■ 50.5867, 38.7524,
12.3069

■ 47.6183, 34.0300,
7.5736

■ 45.3288, 30.1711,
4.5905

■ 43.6383, 27.1114,
3.0364

■ 43.4337, 26.7338,
2.8709

Harmonies

Analogous

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



79.7856, 77.0518, 76.5484



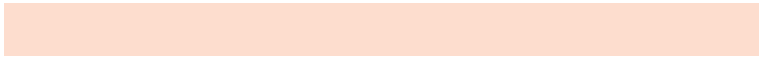
77.5050, 77.0518, 69.1800



74.1309, 77.0518, 65.8077

Triad

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



77.5050, 77.0518, 69.1800



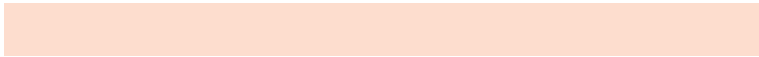
66.6121, 77.0518, 81.3679



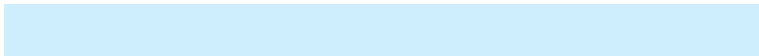
75.9118, 77.0518, 103.4741

Complementary

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



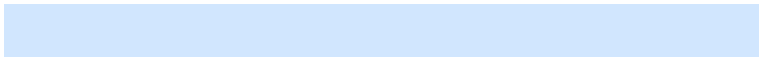
77.5050, 77.0518, 69.1800



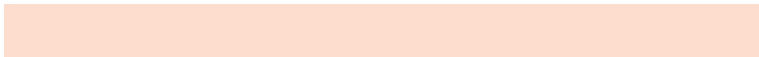
73.7571, 81.3606, 104.7457

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.



72.3472, 77.0518, 105.0286



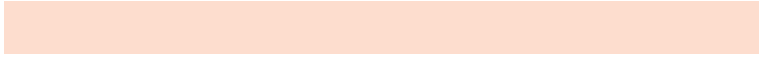
77.5050, 77.0518, 69.1800



67.0540, 77.0518, 91.7000

Square

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



77.5050, 77.0518, 69.1800



67.8984, 77.0518, 72.4616



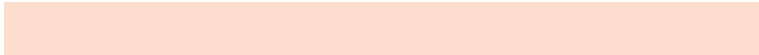
69.1256, 77.0518, 100.5643



78.8450, 77.0518, 96.4748

Rectangle

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



77.5050, 77.0518, 69.1800



71.7465, 77.0518, 66.0688



69.1256, 77.0518, 100.5643



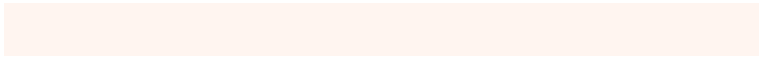
74.7448, 77.0518, 104.6728

Sweetspot

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



77.5071, 77.0553, 69.1816



89.4505, 92.5872, 95.3612



78.0298, 71.2061, 90.6110



19.0204, 19.6504, 20.1097



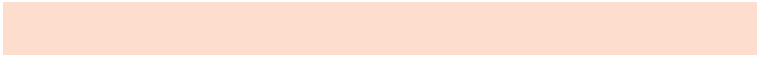
0.0000, 0.0000, 0.0000



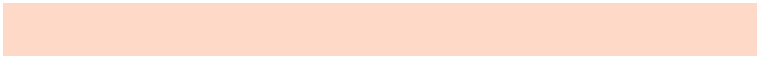
20.3446, 21.4041, 23.3091

Same Dimension

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



77.5071, 77.0553, 69.1816



76.3012, 74.9068, 64.4089



84.1153, 90.2718, 71.3844



18.4827, 18.9335, 18.8247



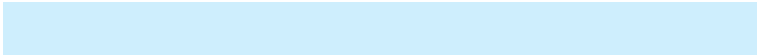
23.2206, 14.4525, 1.5657



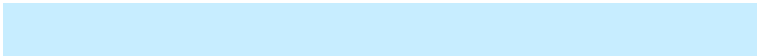
2.3546, 1.5945, 0.1837

Inverse Universe

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



73.7571, 81.3606, 104.7457



71.8868, 79.9688, 106.2544



67.3870, 68.6205, 102.6224



18.0372, 19.4460, 23.0527



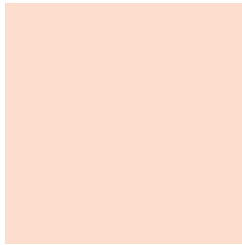
17.4398, 19.7891, 52.3351



1.7967, 2.1241, 5.1286

Previews

White Background



This preview shows how the XYZ color 77.5050, 77.0518, 69.1800 looks on a white background.

Color Contrast Check

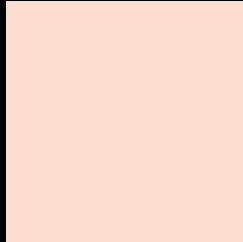
Large Text (above 18pt) WCAG AA × Fail

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 77.5050, 77.0518, 69.1800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

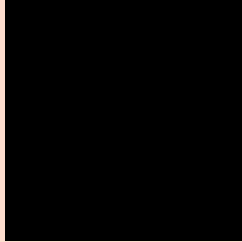
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5050, 77.0518, 69.1800

Background



This preview shows how black text looks on a background with the XYZ color 77.5050, 77.0518, 69.1800.



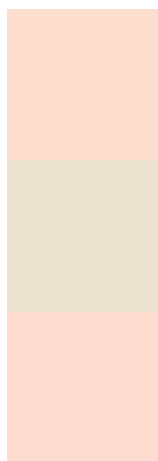
This preview shows how white text looks on a background with the XYZ color 77.5050, 77.0518,

69.1800.

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

77.5050, 77.0518, 69.1800

Protanopia

73.5698, 77.3745, 71.3788

Deuteranopia

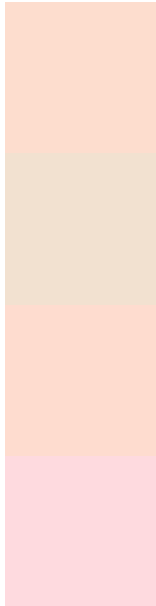
78.2184, 77.0005, 70.4145



Tritanopia

80.7608, 76.7689, 87.6521

Trichromacy



Original Color

77.5050, 77.0518, 69.1800

Protanomaly

74.9283, 77.2817, 70.6422

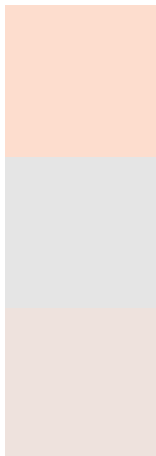
Deuteranomaly

77.7287, 76.7622, 69.7513

Tritanomaly

79.2637, 76.5414, 80.4083

Monochromacy



Original Color

77.5050, 77.0518, 69.1800

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.5074, 77.7903, 79.4420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5050, 77.0518, 69.1800 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, 221, 206)` looks like.

```
.text, #text, p{  
    color:rgb(253, 221, 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, 221, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 221, 206) }
```

Border

The CSS property to change the border of an element to XYZ 77.5050, 77.0518, 69.1800 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, 221, 206) }
```


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

```
.border{ border-color:rgb(253, 221, 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, 221, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 221, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 221, 206);  
box-shadow:4px 4px 4px 4px rgb(253, 221,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5050, 77.0518, 69.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 221, 206) }
```

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

```
.background{ background-color: rgb(253,  
221, 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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