

Converting Colors

XYZ(110.0057, 93.1974,
62.2849)

Have a look what the booklet for
XYZ(110.0057, 93.1974, 62.2849)
contains.

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Color

**XYZ(76.0859, 75.7288,
60.4761)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBC0
RGB	255, 219, 192
RGB Percent	100%, 86%, 75%
CMY	0.0000, 0.1412, 0.2471
CMYK	0.00, 0.14, 0.25, 0.00
HSL	26°, 100%, 88%
HSV	26°, 25%, 100%
XYZ	76.0859, 75.7288, 60.4761
YIQ	226.6860, 30.1230, -0.7650

Conversions

Conversions Part 2

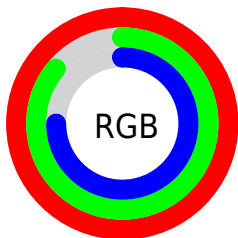
Format	Color
R _Y B	255, 239, 192
Decimal	16767936
CIE Lab	89.73, 8.51, 17.90
CIE LCh	90, 19.818, 64.569
Yxy	75.7288, 0.3584, 0.3567
Android (android.graphics.Color)	4294958016 (0xFFFFDBC0)
YUV	226.6860, -17.1002, 24.8314
Hunter-Lab	87.0223, 3.7783, 19.7121

Details

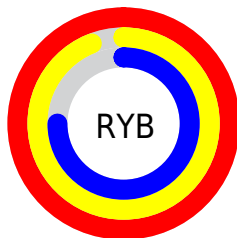
The XYZ color **76.0859, 75.7288, 60.4761** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.5308, 73.9109, 105.3147**, and the grayscale version is **72.8921, 76.6882, 83.5134**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **41.1516, 40.3917, 29.6722** is the 20% darker color. If you saturate the color by 10%, you get **69.8660, 67.4254, 45.6502**, and if you desaturate by 10%, it is **83.1319, 84.9002, 77.9941**.

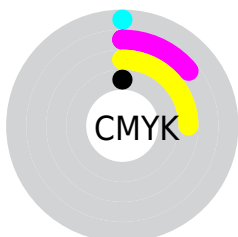
Distribution



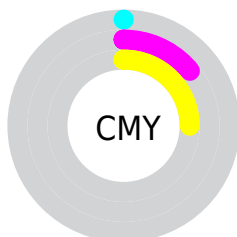
- Red (100%)
- Green (86%)
- Blue (75%)



- Red (100%)
- Yellow (94%)
- Blue (75%)



- Cyan (0%)
- Magenta (14%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0859, 75.7288, 60.4761 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 76.0859, 75.7288, 60.4761 by changing the saturation by 10% instead.


 76.0859, 75.7288,
60.4761

 76.0859, 75.7288,
60.4761


470.5816,
480.4188, 444.2037

 56.8002, 56.2102,
43.3747

 126.8280,
127.3435, 107.0701

 41.0844, 40.3714,
29.8456


159.0152,
160.2083, 137.3998

 28.5730, 27.8283,
19.4704


196.2336,
198.2906, 172.9760

 18.9007, 18.1962,
11.8304

238.8486,
241.9749, 214.2173

 11.7021, 11.0910,
6.5072

287.2256,
291.6454, 261.5422

 6.6119, 6.1281,
3.0821

341.7298,

 3.2648, 2.9231,

347.6867, 315.3692

1.1367

402.7267,
410.4830, 376.1168

■ 1.2953, 1.0917,
0.0000

■ 0.1797, 0.0000,
0.0000

■ 76.0859, 75.7288,
60.4761

■ 76.0859, 75.7288,
60.4761

■ 69.8660, 67.4254,
45.6502

■ 83.1319, 84.9002,
77.9941

■ 64.4327, 59.9528,
33.3760

■ 91.0299, 94.9551,
98.3257

■ 59.7516, 53.2857,
23.5073

95.0500, 100.0000,
108.9000

■ 55.7832, 47.3935,
15.8810

■ 52.4833, 42.2431,
10.3132

■ 49.8021, 37.7983,
6.5905

■ 47.6797, 34.0180,
4.4511

■ 46.7415, 32.2630,
3.7638

Harmonies

Analogous

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



79.9901, 75.7288, 68.1193



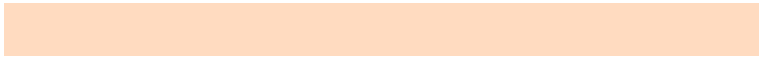
76.0859, 75.7288, 60.4761



71.2325, 75.7288, 58.4495

Triad

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



76.0859, 75.7288, 60.4761



63.0178, 75.7288, 84.6166



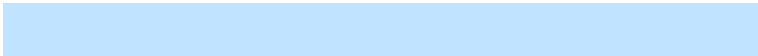
77.4383, 75.7288, 106.6410

Complementary

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



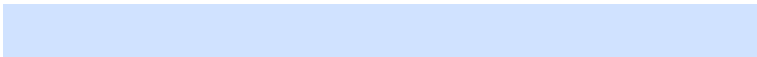
76.0859, 75.7288, 60.4761



67.5308, 73.9109, 105.3147

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.



72.7286, 75.7288, 112.2718



76.0859, 75.7288, 60.4761



64.5195, 75.7288, 98.6747

Square

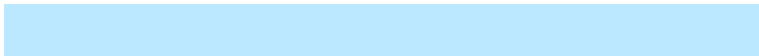
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0859, 75.7288, 60.4761



63.8266, 75.7288, 71.4386



68.0206, 75.7288, 109.2042



80.7953, 75.7288, 94.5511

Rectangle

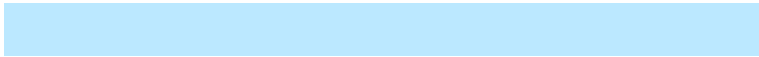
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0859, 75.7288, 60.4761



68.1439, 75.7288, 60.3372



68.0206, 75.7288, 109.2042



75.9532, 75.7288, 109.4104

Sweetspot

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



76.0878, 75.7322, 60.4777



89.1404, 92.5680, 93.4049



74.1981, 64.6032, 82.5054



18.9750, 19.6807, 19.7209



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.



76.0878, 75.7322, 60.4777



72.6931, 71.2284, 52.3003



84.8626, 93.2819, 63.4026



18.6496, 19.2674, 18.8804



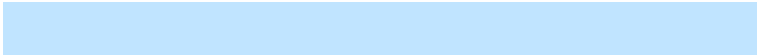
24.5646, 17.1405, 2.0137



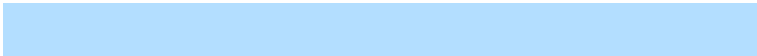
2.4976, 1.8806, 0.2313

Inverse Universe

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



67.5308, 73.9109, 105.3147



62.7015, 69.0972, 104.6401



59.8121, 58.4735, 102.7418



17.8646, 19.1009, 22.9952



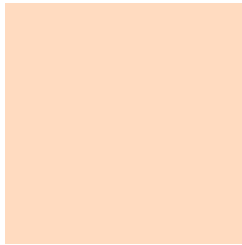
14.9289, 14.7674, 51.4981



1.5621, 1.6548, 5.0504

Previews

White Background



This preview shows how the XYZ color 76.0859, 75.7288, 60.4761 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 76.0859, 75.7288, 60.4761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

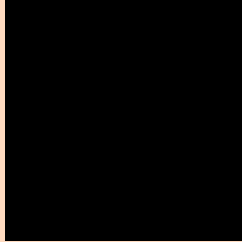
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0859, 75.7288, 60.4761

Background



This preview shows how black text looks on a background with the XYZ color 76.0859, 75.7288, 60.4761.



This preview shows how white text looks on a background with the XYZ color 76.0859, 75.7288,

60.4761.

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

76.0859, 75.7288, 60.4761

Protanopia

71.7006, 75.7951, 62.4806

Deuteranopia

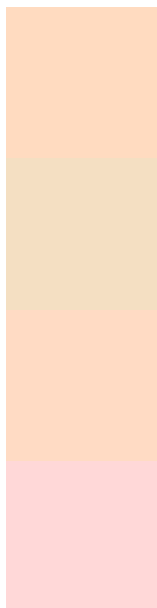
76.7646, 76.0003, 64.0497



Tritanopia

79.8234, 75.5740, 85.2430

Trichromacy



Original Color

76.0859, 75.7288, 60.4761

Protanomaly

73.4335, 75.9035, 61.8194

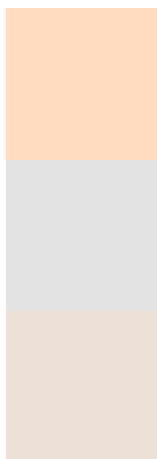
Deuteranomaly

76.5353, 75.9086, 62.8425

Tritanomaly

78.1905, 75.3296, 75.3847

Monochromacy



Original Color

76.0859, 75.7288, 60.4761

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7183, 76.1709, 74.4354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0859, 75.7288, 60.4761 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(255, 219, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 192)  
}
```

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(255, 219, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 192) }
```

Border

The CSS property to change the border of an element to XYZ 76.0859, 75.7288, 60.4761 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(255, 219, 192) }
```


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

```
.border{ border-color:rgb(255, 219, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0859, 75.7288, 60.4761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 192) }
```

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

```
.background{ background-color: rgb(255,  
219, 192) }
```

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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