

Converting Colors

XYZ(75.3407, 77.7718, 60.6315)

Have a look what the booklet for
XYZ(75.3407, 77.7718, 60.6315)
contains.

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Color

**XYZ(75.5066, 77.7959,
60.9057)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E1C0
RGB	249, 225, 192
RGB Percent	98%, 88%, 75%
CMY	0.0235, 0.1176, 0.2471
CMYK	0.00, 0.10, 0.23, 0.02
HSL	35°, 83%, 86%
HSV	35°, 23%, 98%
XYZ	75.5066, 77.7959, 60.9057
YIQ	228.4140, 24.8970, -5.1750

Conversions

Conversions Part 2

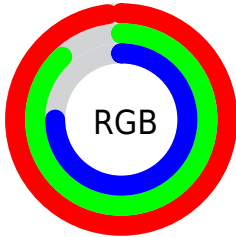
Format	Color
R _Y B	233, 249, 192
Decimal	16376256
CIE Lab	90.69, 3.22, 19.15
CIE LCh	91, 19.422, 80.458
Yxy	77.7959, 0.3525, 0.3632
Android (android.graphics.Color)	4294566336 (0xFFF9E1C0)
YUV	228.4140, -17.9521, 18.0539
Hunter-Lab	88.2020, -1.5459, 20.8001

Details

The XYZ color **75.5066, 77.7959, 60.9057** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.3927, 67.1563, 99.2444**, and the grayscale version is **74.1623, 78.0245, 84.9687**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **40.7004, 41.7909, 29.9661** is the 20% darker color. If you saturate the color by 10%, you get **70.2310, 71.2924, 46.6678**, and if you desaturate by 10%, it is **81.4271, 84.8411, 77.6631**.

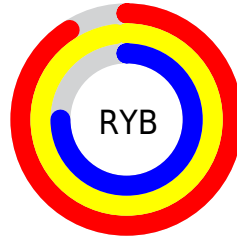
Distribution



Red (98%)

Green (88%)

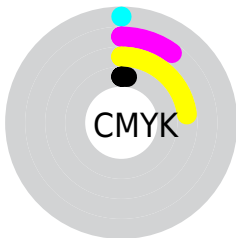
Blue (75%)



Red (91%)

Yellow (98%)

Blue (75%)

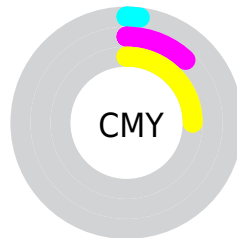


Cyan (0%)

Magenta (10%)

Yellow (23%)

Black (2%)



Cyan (2%)


Magenta (12%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5066, 77.7959, 60.9057 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 75.5066, 77.7959, 60.9057 by changing the saturation by 10% instead.


 75.5066, 77.7959,
60.9057

 75.5066, 77.7959,
60.9057


468.6274,
487.4734, 445.8251

 56.3236, 57.9063,
43.7190


 126.0133,
130.2624, 107.6986

 40.7005, 41.7333,
30.1141


158.0678,
163.6081, 138.1419

 28.2718, 28.8926,
19.6724


195.1434,
202.2079, 173.8411

 18.6721, 18.9996,
11.9754

237.6057,
246.4463, 215.2148

 11.5362, 11.6700,
6.6046

285.8198,
296.7077, 262.6815

 6.4986, 6.5194,
3.1414

340.1513,

 3.1941, 3.1634,

353.3764, 316.6597

1.1673

400.9653,
416.8368, 377.5681

■ 1.2572, 1.2176,
0.0000

■ 0.1508, 0.0760,
0.0000

■ 75.5066, 77.7959,
60.9057

■ 75.5066, 77.7959,
60.9057

■ 70.2310, 71.2924,
46.6678

■ 81.4271, 84.8411,
77.6631

■ 65.5676, 65.3045,
34.8199

■ 88.0112, 92.4322,
97.0511

■ 61.4898, 59.8192,
25.2282

■ 92.8772, 98.8799,
108.7983

■ 57.9660, 54.8186,
17.7434

■ 54.9615, 50.2834,
12.1983

■ 52.4362, 46.1920,
8.3996

■ 50.3424, 42.5195,
6.1133

■ 49.0676, 40.1408,
5.1618

Harmonies

Analogous

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



80.0691, 77.7959, 65.6541



75.5066, 77.7959, 60.9057



70.7161, 77.7959, 61.9722

Triad

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



75.5066, 77.7959, 60.9057



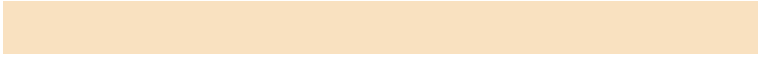
65.5075, 77.7959, 94.4352



81.4054, 77.7959, 102.9626

Complementary

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



75.5066, 77.7959, 60.9057



63.3927, 67.1563, 99.2444

Split Complementary

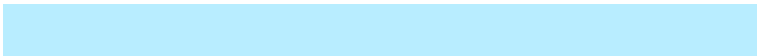
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2659, 77.7959, 112.4147



75.5066, 77.7959, 60.9057



68.1370, 77.7959, 107.1285

Square

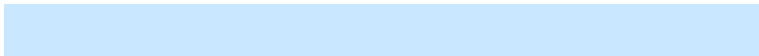
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5066, 77.7959, 60.9057



65.0829, 77.7959, 80.3361



72.4005, 77.7959, 114.0177



83.5720, 77.7959, 89.2326

Rectangle

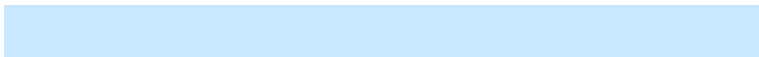
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5066, 77.7959, 60.9057



68.0284, 77.7959, 65.8871



72.4005, 77.7959, 114.0177



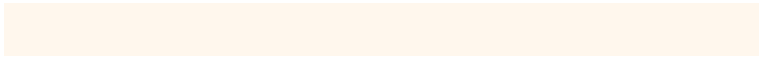
80.1902, 77.7959, 106.8062

Sweetspot

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



75.5087, 77.7994, 60.9073



89.9575, 94.2022, 93.6773



70.4028, 62.8342, 73.8598



19.1642, 20.0591, 19.7840



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.



75.5087, 77.7994, 60.9073



77.3197, 79.2132, 57.7525



81.1168, 91.0063, 63.1609



18.0794, 18.8947, 18.1566



26.4087, 21.7741, 2.8109



2.5508, 2.2264, 0.2953

Inverse Universe

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



63.3927, 67.1563, 99.2444



62.6706, 66.3469, 104.1109



58.6625, 56.2489, 97.3884



16.8835, 17.8439, 21.9397



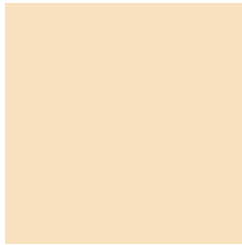
11.9803, 9.3163, 49.1403



1.2119, 1.0674, 4.5853

Previews

White Background



This preview shows how the XYZ color 75.5066, 77.7959, 60.9057 looks on a white background.

Color Contrast Check

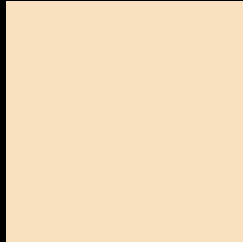
Large Text (above 18pt) WCAG AA × Fail

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 75.5066, 77.7959, 60.9057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

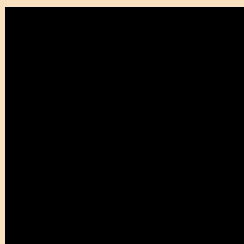
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.5066, 77.7959, 60.9057

Background



This preview shows how black text looks on a background with the XYZ color 75.5066, 77.7959, 60.9057.



This preview shows how white text looks on a background with the XYZ color 75.5066, 77.7959,

60.9057.

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

75.5066, 77.7959, 60.9057

Protanopia

73.3042, 77.8623, 61.6175

Deuteranopia

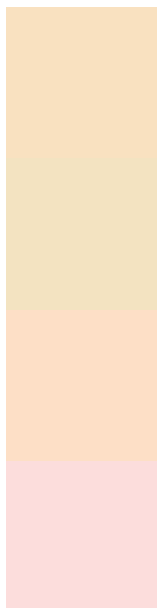
78.0219, 77.7668, 66.7754



Tritanopia

81.3449, 77.7900, 90.0845

Trichromacy



Original Color

75.5066, 77.7959, 60.9057

Protanomaly

74.0569, 77.8431, 61.5741

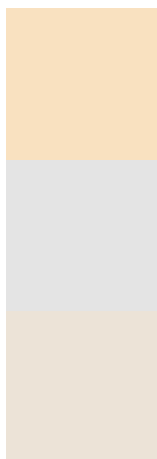
Deuteranomaly

77.0887, 77.7352, 64.3675

Tritanomaly

78.9196, 77.5757, 78.5242

Monochromacy



Original Color

75.5066, 77.7959, 60.9057

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.3269, 77.6773, 75.3658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5066, 77.7959, 60.9057 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(249, 225, 192)` looks like.

```
.text, #text, p{  
    color:rgb(249, 225, 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(249, 225, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 225, 192) }
```

Border

The CSS property to change the border of an element to XYZ 75.5066, 77.7959, 60.9057 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(249, 225, 192) }
```


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

```
.border{ border-color:rgb(249, 225, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 225, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 225, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 225, 192); box-shadow:4px 4px 4px 4px rgb(249, 225, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5066, 77.7959, 60.9057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 225, 192) }
```

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

```
.background{ background-color: rgb(249,  
225, 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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