

Converting Colors

XYZ(77.8208, 75.2069, 73.3599)

Have a look what the booklet for
XYZ(77.8208, 75.2069, 73.3599)
contains.

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Color

**XYZ(77.8061, 75.1758,
73.3604)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8D5
RGB	255, 216, 213
RGB Percent	100%, 85%, 84%
CMY	0.0000, 0.1529, 0.1647
CMYK	0.00, 0.15, 0.16, 0.00
HSL	4°, 100%, 92%
HSV	4°, 16%, 100%
XYZ	77.8061, 75.1758, 73.3604
YIQ	227.3190, 24.2070, 7.3350

Conversions

Conversions Part 2

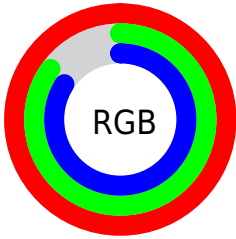
Format	Color
R _Y B	255, 216, 213
Decimal	16767189
CIE Lab	89.48, 13.10, 6.52
CIE LCh	89, 14.629, 26.472
Yxy	75.1758, 0.3438, 0.3321
Android (android.graphics.Color)	4294957269 (0xFFFFD8D5)
YUV	227.3190, -7.0593, 24.2762
Hunter-Lab	86.7040, 8.4497, 10.5274

Details

The XYZ color **77.8061, 75.1758, 73.3604** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.3001, 90.9844, 107.9372**, and the grayscale version is **73.2848, 77.1013, 83.9633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2051, 39.9641, 37.8371** is the 20% darker color. If you saturate the color by 10%, you get **69.1857, 62.7139, 55.7543**, and if you desaturate by 10%, it is **87.8130, 89.5956, 93.9413**.

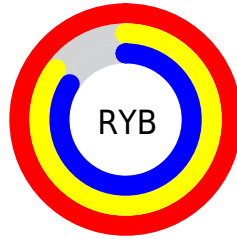
Distribution



Red (100%)

Green (85%)

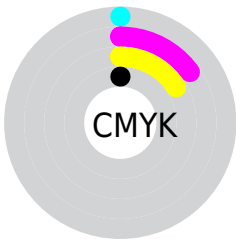
Blue (84%)



Red (100%)

Yellow (85%)

Blue (84%)

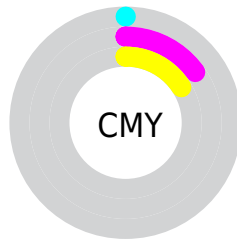


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.8061, 75.1758, 73.3604 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 77.8061, 75.1758, 73.3604 by changing the saturation by 10% instead.


 77.8061, 75.1758,
73.3604

 77.8061, 75.1758,
73.3604


476.3580,
478.5216, 491.3672

 58.2169, 55.7569,
53.7771


129.2436,
126.5612, 125.7144

 42.2270, 40.0081,
38.0315


161.8226,
159.2965, 159.3221

 29.4710, 27.5448,
25.7051


199.4622,
197.2394, 198.4417

 19.5835, 17.9828,
16.3794

242.5279,
240.7743, 243.4918

 12.1991, 10.9377,
9.6358

291.3850,
290.2855, 294.8908

 6.9526, 6.0249,
5.0557

346.3988,

 3.4785, 2.8602,

346.1576, 353.0574

2.2207

407.9347,
408.7748, 418.4100

■ 1.4116, 1.0592,
0.6863

■ 0.2645, 0.0000,
0.0000

■ 77.8061, 75.1758,
73.3604

■ 77.8061, 75.1758,
73.3604

■ 69.1857, 62.7139,
55.7543

■ 87.8130, 89.5956,
93.9413

■ 61.8855, 52.1162,
40.9809

95.0500, 100.0000,
108.9000

■ 55.8418, 43.2962,
28.8937

■ 50.9836, 36.1562,
19.3311

■ 47.2326, 30.5896,
12.1141

■ 44.5012, 26.4773,
7.0404

■ 42.6884, 23.6832,
3.8730

■ 41.6721, 22.0454,
2.3173

■ 41.4603, 21.7005,
2.0034

Harmonies

Analogous

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



78.5601, 75.1758, 83.0754



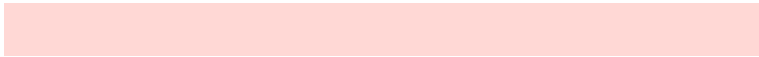
77.8061, 75.1758, 73.3604



75.3302, 75.1758, 66.4664

Triad

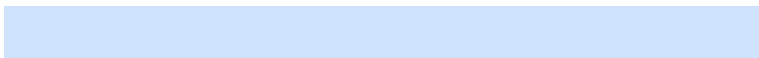
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.8061, 75.1758, 73.3604



65.8555, 75.1758, 71.4204



71.0287, 75.1758, 103.1951

Complementary

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



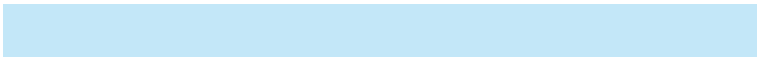
77.8061, 75.1758, 73.3604



80.3001, 90.9844, 107.9372

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.



67.7099, 75.1758, 99.4494



77.8061, 75.1758, 73.3604



64.7868, 75.1758, 80.6440

Square

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



77.8061, 75.1758, 73.3604



68.4217, 75.1758, 65.4139



65.4543, 75.1758, 90.9784



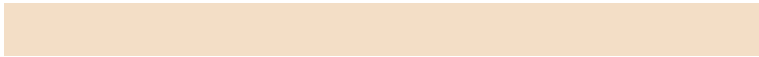
74.5712, 75.1758, 100.8400

Rectangle

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



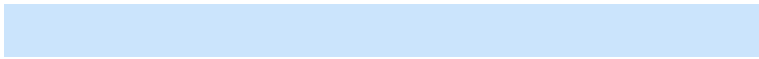
77.8061, 75.1758, 73.3604



73.0780, 75.1758, 64.1111



65.4543, 75.1758, 90.9784



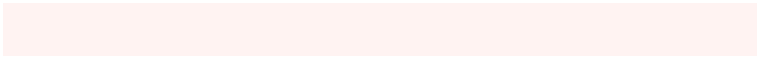
69.8510, 75.1758, 102.6004

Sweetspot

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



77.8079, 75.1790, 73.3620



89.4037, 91.8841, 97.2247



82.6371, 75.8903, 102.5547



18.9725, 19.4316, 20.4723



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.



77.8079, 75.1790, 73.3620



74.6093, 70.5601, 66.8139



83.4770, 86.5172, 75.2517



18.1137, 18.1956, 18.7017



21.7016, 11.4144, 1.0594



2.1476, 1.1806, 0.1147

Inverse Universe

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



80.3001, 90.9844, 107.9372



77.5590, 89.2716, 107.7511



74.1232, 78.6307, 105.8783



18.4371, 20.2458, 23.1860



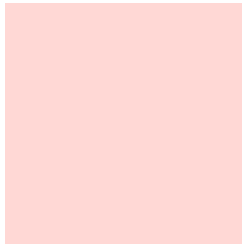
25.2662, 35.4419, 54.9439



2.4920, 3.5148, 5.3603

Previews

White Background



This preview shows how the XYZ color 77.8061, 75.1758, 73.3604 looks on a white background.

Color Contrast Check

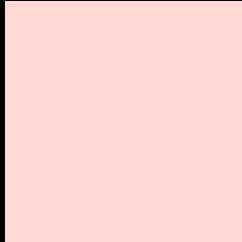
Large Text (above 18pt) WCAG AA × Fail

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 77.8061, 75.1758, 73.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

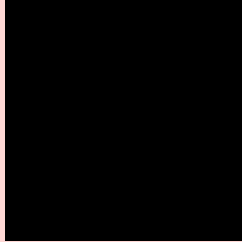
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8061, 75.1758, 73.3604

Background



This preview shows how black text looks on a background with the XYZ color 77.8061, 75.1758, 73.3604.



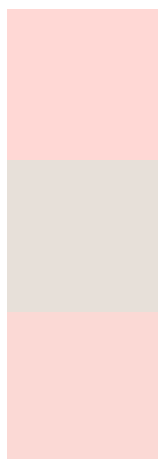
This preview shows how white text looks on a background with the XYZ color 77.8061, 75.1758,

73.3604.

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

77.8061, 75.1758, 73.3604

Protanopia

72.1350, 75.3100, 76.3800

Deuteranopia

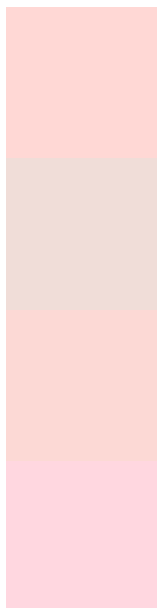
76.6068, 74.9390, 73.3779



Tritanopia

79.5695, 75.0663, 85.1584

Trichromacy



Original Color

77.8061, 75.1758, 73.3604

Protanomaly

74.1863, 75.1960, 75.5700

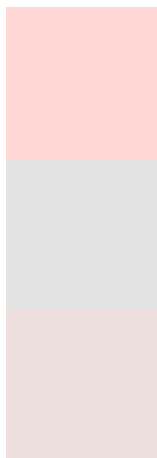
Deuteranomaly

76.9680, 75.1253, 73.3948

Tritanomaly

78.9950, 75.2427, 80.8808

Monochromacy



Original Color

77.8061, 75.1758, 73.3604

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.4975, 76.0538, 79.8607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8061, 75.1758, 73.3604 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, 216, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 213)  
}
```

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, 216, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 213) }
```

Border

The CSS property to change the border of an element to XYZ 77.8061, 75.1758, 73.3604 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, 216, 213) }
```


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

```
.border{ border-color:rgb(255, 216, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8061, 75.1758, 73.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 213) }
```

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

```
.background{ background-color: rgb(255,  
216, 213) }
```

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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