

Converting Colors

XYZ(93.3958, 83.8751, 68.8671)

Have a look what the booklet for
XYZ(93.3958, 83.8751, 68.8671)
contains.

XYZ(77.0723, 75.2935, 68.2286)	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(77.0723, 75.2935,
68.2286)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9CD
RGB	255, 217, 205
RGB Percent	100%, 85%, 80%
CMY	0.0000, 0.1490, 0.1961
CMYK	0.00, 0.15, 0.20, 0.00
HSL	14°, 100%, 90%
HSV	14°, 20%, 100%
XYZ	77.0723, 75.2935, 68.2286
YIQ	226.9940, 26.5000, 4.3240

Conversions

Conversions Part 2

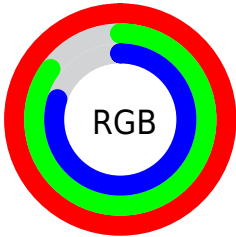
Format	Color
R _Y B	255, 221, 205
Decimal	16767437
CIE Lab	89.53, 11.38, 10.80
CIE LCh	90, 15.693, 43.504
Yxy	75.2935, 0.3494, 0.3413
Android (android.graphics.Color)	4294957517 (0xFFFFD9CD)
YUV	226.9940, -10.8430, 24.5613
Hunter-Lab	86.7718, 6.6962, 14.1206

Details

The XYZ color **77.0723, 75.2935, 68.2286** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2765, 84.2978, 106.9114**, and the grayscale version is **73.0738, 76.8793, 83.7215**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7949, 40.0808, 34.8117** is the 20% darker color. If you saturate the color by 10%, you get **69.5369, 64.7537, 51.7481**, and if you desaturate by 10%, it is **85.6996, 87.2135, 87.5499**.

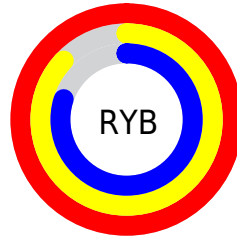
Distribution



Red (100%)

Green (85%)

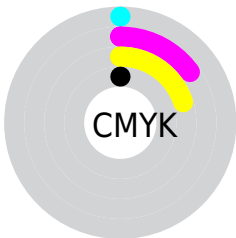
Blue (80%)



Red (100%)

Yellow (87%)

Blue (80%)

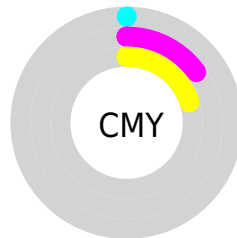


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.0723, 75.2935, 68.2286 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 77.0723, 75.2935, 68.2286 by changing the saturation by 10% instead.


 77.0723, 75.2935,
68.2286

 77.0723, 75.2935,
68.2286


473.8987,
478.9258, 472.9256

 57.6123, 55.8534,
49.6159


128.2138,
126.7277, 118.3364

 41.7391, 40.0854,
34.7392


160.6261,
159.4906, 150.6686

 29.0873, 27.6051,
23.1801

198.0866,
197.4632, 188.4110

 19.2915, 18.0282,
14.5200

240.9605,
241.0300, 231.9822

 11.9863, 10.9702,
8.3404

289.6134,
290.5752, 281.8007

 6.8065, 6.0468,
4.2226

344.4104,

 3.3866, 2.8736,

346.4833, 338.2851

1.7483

405.7171,
409.1387, 401.8539

■ 1.3614, 1.0661,
0.3935

■ 0.2285, 0.0000,
0.0000

■ 77.0723, 75.2935,
68.2286

■ 77.0723, 75.2935,
68.2286

■ 69.5369, 64.7537,
51.7481

■ 85.6996, 87.2135,
87.5499

■ 63.0433, 55.5340,
37.9690

95.0500, 100.0000,
108.9000

■ 57.5459, 47.5847,
26.7474

■ 52.9929, 40.8486,
17.9239

■ 49.3281, 35.2645,
11.3213

■ 46.4885, 30.7652,
6.7371

■ 44.4017, 27.2760,
3.9315

■ 42.9674, 24.7060,
2.5329

■ 42.9208, 24.6216,
2.4903

Harmonies

Analogous

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



79.0108, 75.2935, 77.1275



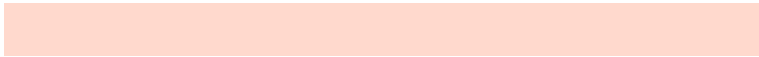
77.0723, 75.2935, 68.2286



73.6881, 75.2935, 63.2777

Triad

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



77.0723, 75.2935, 68.2286



64.6944, 75.2935, 76.1046



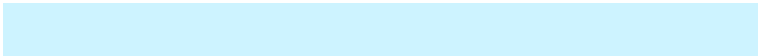
73.3078, 75.2935, 104.3867

Complementary

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



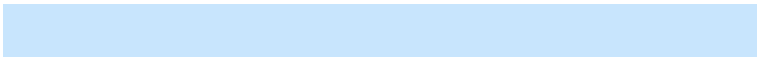
77.0723, 75.2935, 68.2286



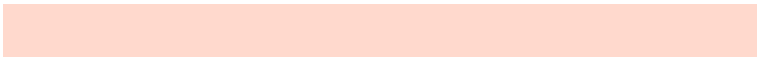
75.2765, 84.2978, 106.9114

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.



69.4815, 75.2935, 104.0503



77.0723, 75.2935, 68.2286



64.6009, 75.2935, 87.0357

Square

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



77.0723, 75.2935, 68.2286



66.5854, 75.2935, 67.5378



66.3250, 75.2935, 97.4692



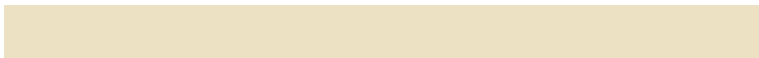
76.7853, 75.2935, 98.3510

Rectangle

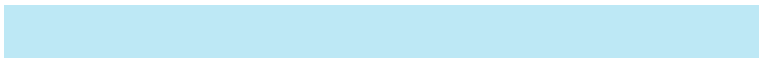
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0723, 75.2935, 68.2286



71.1125, 75.2935, 62.5789



66.3250, 75.2935, 97.4692



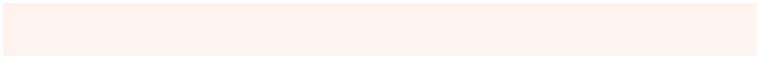
72.0178, 75.2935, 105.0304

Sweetspot

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



77.0741, 75.2968, 68.2302



89.0861, 91.8584, 95.2397



79.2998, 71.4147, 94.6634



18.9345, 19.4785, 20.0810



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.



77.0741, 75.2968, 68.2302



73.6317, 70.4991, 60.6481



83.9128, 88.9741, 70.5097



18.3634, 18.6950, 18.7850



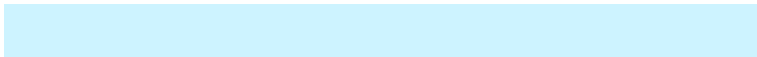
22.5226, 13.0565, 1.3331



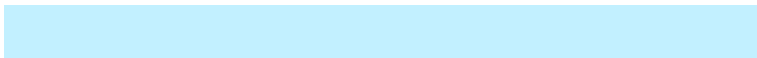
2.2733, 1.4320, 0.1566

Inverse Universe

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



75.2765, 84.2978, 106.9114



71.4971, 81.1633, 106.5055



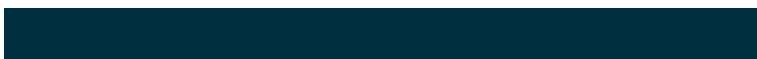
68.3856, 70.5159, 104.6144



18.1636, 19.6988, 23.0949



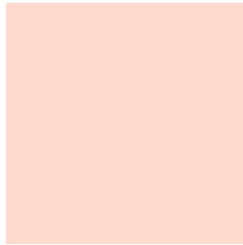
19.6076, 24.1247, 53.0577



1.9935, 2.5177, 5.1942

Previews

White Background



This preview shows how the XYZ color 77.0723, 75.2935, 68.2286 looks on a white background.

Color Contrast Check

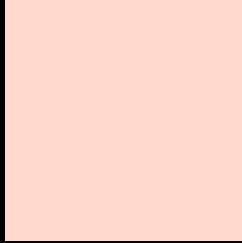
Large Text (above 18pt) WCAG AA × Fail

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 77.0723, 75.2935, 68.2286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

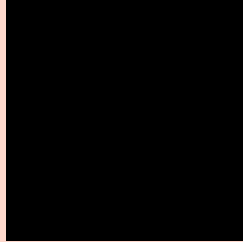
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0723, 75.2935, 68.2286

Background



This preview shows how black text looks on a background with the XYZ color 77.0723, 75.2935, 68.2286.



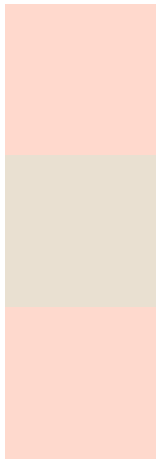
This preview shows how white text looks on a background with the XYZ color 77.0723, 75.2935,

68.2286.

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

77.0723, 75.2935, 68.2286

Protanopia

71.7686, 75.2384, 71.0615

Deuteranopia

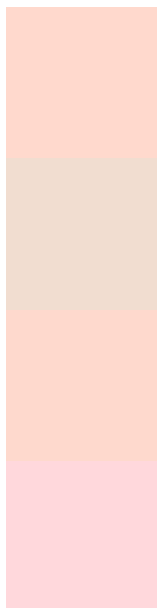
76.7053, 75.1043, 68.2114



Tritanopia

79.6833, 75.5180, 84.5054

Trichromacy



Original Color

77.0723, 75.2935, 68.2286

Protanomaly

73.5172, 74.9677, 70.2700

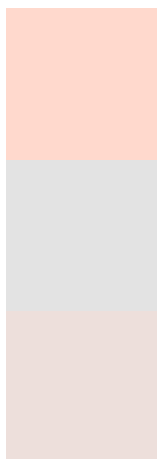
Deuteranomaly

76.7053, 75.1043, 68.2114

Tritanomaly

78.7141, 75.5390, 78.1420

Monochromacy



Original Color

77.0723, 75.2935, 68.2286

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.0989, 75.8944, 77.7615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0723, 75.2935, 68.2286 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, 217, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 205)  
}
```

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, 217, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 205) }
```

Border

The CSS property to change the border of an element to XYZ 77.0723, 75.2935, 68.2286 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, 217, 205) }
```


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

```
.border{ border-color:rgb(255, 217, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0723, 75.2935, 68.2286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 205) }
```

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

```
.background{ background-color: rgb(255,  
217, 205) }
```

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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