

Converting Colors

XYZ(75.0401, 70.1156, 75.0896)

Have a look what the booklet for
XYZ(75.0401, 70.1156, 75.0896)
contains.

| | |
|--|----|
| XYZ(75.1037, 70.0350, 75.2054) | 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(75.1037, 70.0350,
75.2054)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--|
| Hex | FDCED9 |
| RGB | 253, 206, 217 |
| RGB Percent | 99%, 81%, 85% |
| CMY | 0.0078, 0.1921, 0.1490 |
| CMYK | 0.00, 0.19, 0.14, 0.01 |
| HSL | 346°, 92%, 90% |
| HSV | 346°, 19%, 99% |
| XYZ | 75.1037, 70.0350, 75.2054 |
| YIQ | 221.3070, 24.4810, 13.3850 |

Conversions

Conversions Part 2

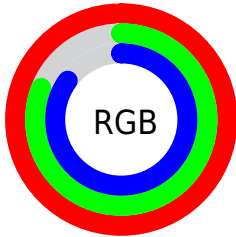
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 253, 206, 217 |
| Decimal | 16633561 |
| CIE Lab | 87.01, 18.22, 0.82 |
| CIE LCh | 87, 18.243, 2.575 |
| Yxy | 70.0350, 0.3408, 0.3178 |
| Android (android.graphics.Color) | 4294823641 (0xFFFDCEd9) |
| YUV | 221.3070, -2.1234, 27.7948 |
| Hunter-Lab | 83.6869, 13.7403, 5.2998 |

Details

The XYZ color **75.1037, 70.0350, 75.2054** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6087, 89.7849, 97.3012**, and the grayscale version is **68.9469, 72.5376, 78.9934**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5148, 36.8009, 39.1503** is the 20% darker color. If you saturate the color by 10%, you get **67.1218, 57.8708, 60.8296**, and if you desaturate by 10%, it is **84.3659, 84.2845, 91.4702**.

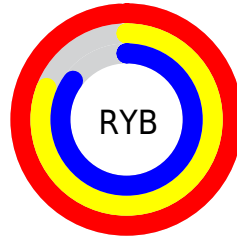
Distribution



Red (99%)

Green (81%)

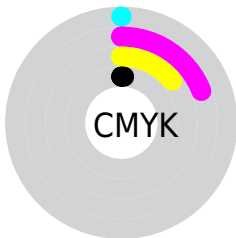
Blue (85%)



Red (99%)

Yellow (81%)

Blue (85%)

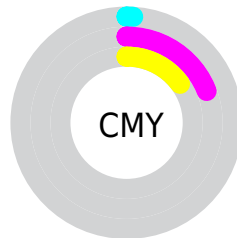


Cyan (0%)

Magenta (19%)

Yellow (14%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1037, 70.0350, 75.2054 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 75.1037, 70.0350, 75.2054 by changing the saturation by 10% instead.


 75.1037, 70.0350,
75.2054

 75.1037, 70.0350,
75.2054


467.2656,
460.6729, 497.8975

 55.9923, 51.5551,
55.2784


125.4463,
119.2587, 128.3528

 40.4337, 36.6505,
39.2246

157.4082,
150.7712, 162.4104

 28.0626, 24.9370,
26.6253


194.3843,
187.3967, 202.0152

 18.5136, 16.0302,
17.0621

236.7400,
229.5196, 247.5859

 11.4212, 9.5455,
10.1163

284.8406,
277.5243, 299.5409

 6.4203, 5.0987,
5.3695

339.0515,

 3.1454, 2.3053,

331.7951, 358.2988

2.4032

399.7381,
392.7165, 424.2782

■ 1.2311, 0.7765,
0.7882

■ 0.1307, 0.0000,
0.0000

■ 75.1037, 70.0350,
75.2054

■ 75.1037, 70.0350,
75.2054

■ 67.1218, 57.8708,
60.8296

■ 84.3659, 84.2845,
91.4702

■ 60.3574, 47.6848,
48.2690

94.3183, 99.6228,
108.8658

■ 54.7509, 39.3746,
37.4515

■ 50.2354, 32.8245,
28.2981

■ 46.7371, 27.9065,
20.7238

■ 44.1723, 24.4744,
14.6355

■ 42.4433, 22.3561,
9.9292

■ 41.4158, 21.3084,
6.4813

■ 41.3028, 21.2006,
6.0795

Harmonies

Analogous

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



74.1177, 70.0350, 87.5992



75.1037, 70.0350, 75.2054



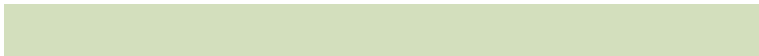
73.7224, 70.0350, 64.2916

Triad

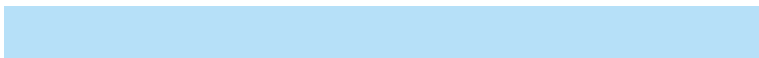
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1037, 70.0350, 75.2054



62.2457, 70.0350, 58.1193



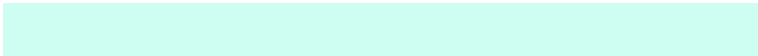
62.8582, 70.0350, 99.0726

Complementary

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



75.1037, 70.0350, 75.2054



76.6087, 89.7849, 97.3012

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.



59.8887, 70.0350, 89.6201



75.1037, 70.0350, 75.2054



59.5458, 70.0350, 65.9373

Square

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



75.1037, 70.0350, 75.2054



66.1982, 70.0350, 55.1083



58.7015, 70.0350, 77.3168



66.9355, 70.0350, 102.2215

Rectangle

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



75.1037, 70.0350, 75.2054



71.6779, 70.0350, 59.0762



58.7015, 70.0350, 77.3168



61.7034, 70.0350, 96.4806

Sweetspot

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



75.1057, 70.0382, 75.2069



88.5318, 89.8917, 97.7004



76.1643, 69.9826, 102.4229



18.8040, 19.0155, 20.6603



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

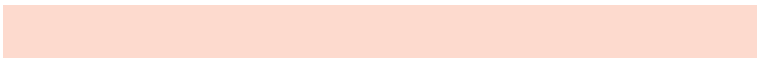
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1057, 70.0382, 75.2069



73.5273, 66.8156, 71.3258



76.6575, 75.3550, 68.9010



18.1835, 18.0567, 19.5834



22.0176, 11.2963, 3.4771



2.1838, 1.1159, 0.5491

Inverse Universe

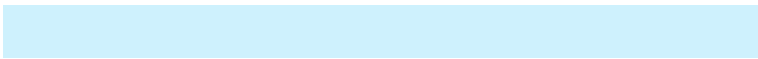
The Inverse Universe completely reimagines the original color for something new.



75.1057, 70.0382, 75.2069



73.5273, 66.8156, 71.3258



74.7150, 83.2746, 105.0649



18.1835, 18.0567, 19.5834



22.0176, 11.2963, 3.4771



2.1838, 1.1159, 0.5491

Previews

White Background



This preview shows how the XYZ color 75.1037, 70.0350, 75.2054 looks on a white background.

Color Contrast Check

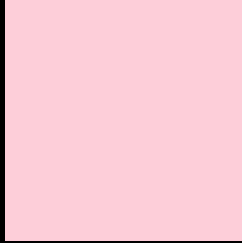
Large Text (above 18pt) WCAG AA × Fail

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 75.1037, 70.0350, 75.2054 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 75.1037, 70.0350, 75.2054

Background



This preview shows how black text looks on a background with the XYZ color 75.1037, 70.0350, 75.2054.



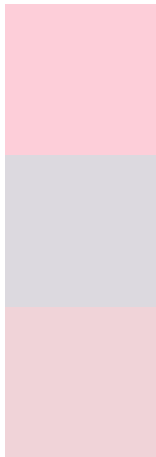
This preview shows how white text looks on a background with the XYZ color 75.1037, 70.0350,

75.2054.

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

75.1037, 70.0350, 75.2054

Protanopia

67.6473, 70.1691, 79.7906

Deuteranopia

71.6241, 70.0717, 74.7159



Tritanopia

75.7555, 69.9539, 77.9163

Trichromacy



Original Color

75.1037, 70.0350, 75.2054

Protanomaly

70.1241, 69.9648, 78.2152

Deuteranomaly

72.8513, 69.9713, 74.6319

Tritanomaly

75.6226, 69.9008, 77.2166

Monochromacy



Original Color

75.1037, 70.0350, 75.2054

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

71.0784, 71.6027, 77.7846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1037, 70.0350, 75.2054 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, 206, 217) looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 217)  
}
```

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, 206, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 217) }
```

Border

The CSS property to change the border of an element to XYZ 75.1037, 70.0350, 75.2054 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, 206, 217) }
```


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

```
.border{ border-color:rgb(253, 206, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 206, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 206, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 206, 217);  
box-shadow:4px 4px 4px 4px rgb(253, 206,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1037, 70.0350, 75.2054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 217) }
```

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

```
.background{ background-color: rgb(253,  
206, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor