

Converting Colors

XYZ(72.9251, 68.7928, 58.4596)

Have a look what the booklet for
XYZ(72.9251, 68.7928, 58.4596)
contains.

XYZ(72.4753, 68.6842, 58.7277)	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(72.4753, 68.6842,
58.7277)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDBF
RGB	255, 205, 191
RGB Percent	100%, 80%, 75%
CMY	0.0000, 0.1961, 0.2510
CMYK	0.00, 0.20, 0.25, 0.00
HSL	13°, 100%, 87%
HSV	13°, 25%, 100%
XYZ	72.4753, 68.6842, 58.7277
YIQ	218.3540, 34.2940, 6.2460

Conversions

Conversions Part 2

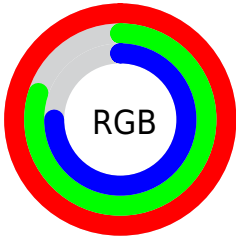
Format	Color
R _Y B	255, 209, 191
Decimal	16764351
CIE Lab	86.35, 15.64, 13.66
CIE LCh	86, 20.766, 41.131
Yxy	68.6842, 0.3626, 0.3436
Android (android.graphics.Color)	4294954431 (0xFFFFCDBF)
YUV	218.3540, -13.4855, 32.1385
Hunter-Lab	82.8759, 11.0660, 15.9990

Details

The XYZ color **72.4753, 68.6842, 58.7277** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.9901, 81.2044, 106.5402**, and the grayscale version is **66.9599, 70.4470, 76.7168**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **38.6800, 35.8385, 28.9236** is the 20% darker color. If you saturate the color by 10%, you get **65.4443, 58.7290, 43.7236**, and if you desaturate by 10%, it is **80.6049, 80.0543, 76.5099**.

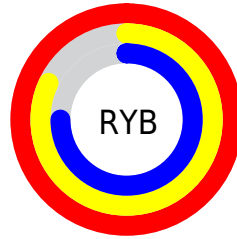
Distribution



Red (100%)

Green (80%)

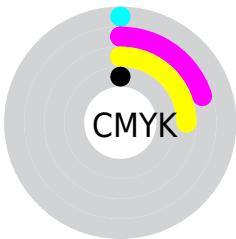
Blue (75%)



Red (100%)

Yellow (82%)

Blue (75%)

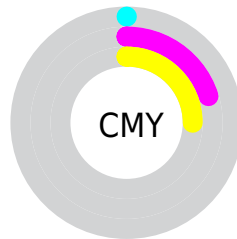


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (20%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4753, 68.6842, 58.7277 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 72.4753, 68.6842, 58.7277 by changing the saturation by 10% instead.


 72.4753, 68.6842,
58.7277

 72.4753, 68.6842,
58.7277


458.3263,
455.9164, 437.5658

 53.8339, 50.4546,
41.9754


 121.7392,
117.3304, 104.5070

 38.6990, 35.7747,
28.7566


153.0924,
148.5158, 134.3711

 26.7053, 24.2603,
18.6528


189.4135,
184.7885, 169.4429

 17.4875, 15.5268,
11.2454

231.0680,
226.5330, 210.1409

 10.6801, 9.1899,
6.1159

278.4212,
274.1336, 256.8836

 5.9179, 4.8653,
2.8457

331.8384,

 2.8354, 2.1684,

327.9748, 310.0897

1.0164

391.6849,
388.4409, 370.1776

■ 1.0673, 0.7027,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.4753, 68.6842,
58.7277

■ 72.4753, 68.6842,
58.7277

■ 65.4443, 58.7290,
43.7236

■ 80.6049, 80.0543,
76.5099

■ 59.4589, 50.1238,
31.3526

■ 89.8731, 92.8825,
97.1969

■ 54.4690, 42.8126,
21.4625

95.0500, 100.0000,
108.9000

■ 50.4183, 36.7314,
13.8841

■ 47.2444, 31.8107,
8.4265

■ 44.8768, 27.9739,
4.8681

■ 43.2325, 25.1338,
2.9368

■ 42.6446, 24.0691,
2.3982

Harmonies

Analogous

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



74.7522, 68.6842, 69.8031



72.4753, 68.6842, 58.7277



68.3094, 68.6842, 52.4803

Triad

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



72.4753, 68.6842, 58.7277



56.9414, 68.6842, 66.5675



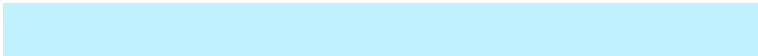
67.0783, 68.6842, 103.7982

Complementary

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



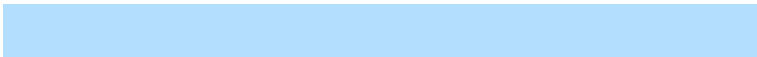
72.4753, 68.6842, 58.7277



70.9901, 81.2044, 106.5402

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.



62.3459, 68.6842, 102.6550



72.4753, 68.6842, 58.7277



56.6479, 68.6842, 79.9993

Square

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



72.4753, 68.6842, 58.7277



59.4039, 68.6842, 56.6092



58.5816, 68.6842, 93.5320



71.5362, 68.6842, 96.4871

Rectangle

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



72.4753, 68.6842, 58.7277



65.1004, 68.6842, 51.3718



58.5816, 68.6842, 93.5320



65.4644, 68.6842, 104.4110

Sweetspot

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



72.4769, 68.6873, 58.7291



87.0629, 89.0056, 90.8857



75.7683, 64.8811, 91.8537



18.3316, 18.6314, 18.7744



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.



72.4769, 68.6873, 58.7291



68.8952, 63.6325, 51.0343



80.8899, 85.5131, 61.5334



18.3316, 18.6314, 18.7744



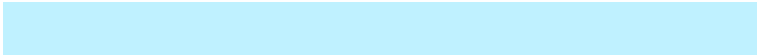
22.3715, 12.7542, 1.2827



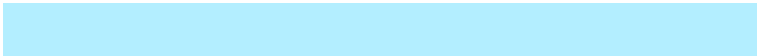
2.2545, 1.3944, 0.1503

Inverse Universe

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



70.9901, 81.2044, 106.5402



67.1752, 78.0446, 106.1313



62.3697, 63.9635, 103.6667



18.1978, 19.7672, 23.1063



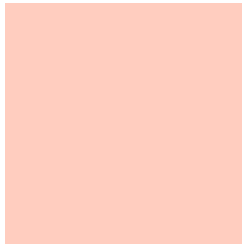
20.2422, 25.3940, 53.2692



2.0504, 2.6314, 5.2131

Previews

White Background



This preview shows how the XYZ color 72.4753, 68.6842, 58.7277 looks on a white background.

Color Contrast Check

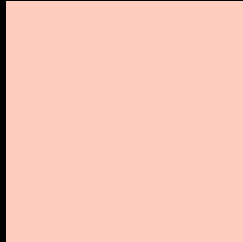
Large Text (above 18pt) WCAG AA × Fail

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 72.4753, 68.6842, 58.7277 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 72.4753, 68.6842, 58.7277

Background



This preview shows how black text looks on a background with the XYZ color 72.4753, 68.6842, 58.7277.



This preview shows how white text looks on a background with the XYZ color 72.4753, 68.6842,

58.7277.

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

72.4753, 68.6842, 58.7277

Protanopia

65.6852, 69.1505, 62.7087

Deuteranopia

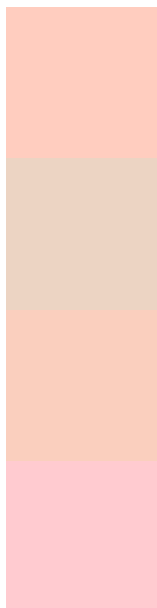
70.2079, 68.6036, 58.2567



Tritanopia

74.8849, 68.5108, 74.9227

Trichromacy



Original Color

72.4753, 68.6842, 58.7277

Protanomaly

67.9859, 68.8600, 61.3378

Deuteranomaly

71.0314, 68.6673, 58.2256

Tritanomaly

73.9811, 68.5259, 69.0021

Monochromacy



Original Color

72.4753, 68.6842, 58.7277

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.1344, 69.1315, 69.4272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4753, 68.6842, 58.7277 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, 205, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 191)  
}
```

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, 205, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 191) }
```

Border

The CSS property to change the border of an element to XYZ 72.4753, 68.6842, 58.7277 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, 205, 191) }
```


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

```
.border{ border-color:rgb(255, 205, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4753, 68.6842, 58.7277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 191) }
```

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

```
.background{ background-color: rgb(255,  
205, 191) }
```

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