

Converting Colors

XYZ(92.5455, 84.2702, 59.6553)

Have a look what the booklet for
XYZ(92.5455, 84.2702, 59.6553)
contains.

XYZ(75.7568, 75.5972, 58.7430)	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(75.7568, 75.5972,
58.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBBD
RGB	255, 219, 189
RGB Percent	100%, 86%, 74%
CMY	0.0000, 0.1412, 0.2588
CMYK	0.00, 0.14, 0.26, 0.00
HSL	27°, 100%, 87%
HSV	27°, 26%, 100%
XYZ	75.7568, 75.5972, 58.7430
YIQ	226.3440, 31.0860, -1.6980

Conversions

Conversions Part 2

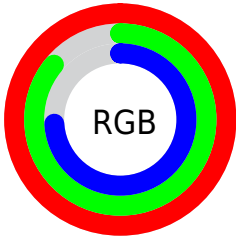
Format	Color
R _Y B	255, 244, 189
Decimal	16767933
CIE Lab	89.67, 8.10, 19.38
CIE LCh	90, 21.004, 67.305
Yxy	75.5972, 0.3606, 0.3598
Android (android.graphics.Color)	4294958013 (0xFFFFDBBD)
YUV	226.3440, -18.4106, 25.1313
Hunter-Lab	86.9467, 3.3708, 20.8051

Details

The XYZ color **75.7568, 75.5972, 58.7430** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.9606, 71.8869, 105.0068**, and the grayscale version is **72.6527, 76.4363, 83.2391**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **41.0081, 40.3343, 28.9165** is the 20% darker color. If you saturate the color by 10%, you get **69.7511, 67.6326, 44.2646**, and if you desaturate by 10%, it is **82.5562, 84.3695, 75.8886**.

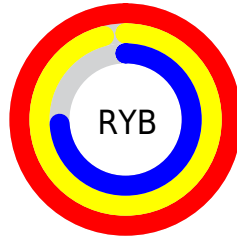
Distribution



Red (100%)

Green (86%)

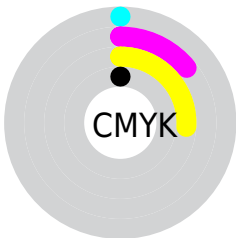
Blue (74%)



Red (100%)

Yellow (96%)

Blue (74%)

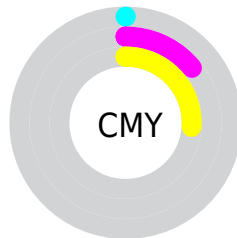


Cyan (0%)

Magenta (14%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7568, 75.5972, 58.7430 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 75.7568, 75.5972, 58.7430 by changing the saturation by 10% instead.


 75.7568, 75.5972,
58.7430

 75.7568, 75.5972,
58.7430


469.4720,
479.9677, 437.6242

 56.5295, 56.1023,
41.9876


 126.3653,
127.1574, 104.5295

 40.8662, 40.2849,
28.7661


158.4771,
159.9914, 134.3977

 28.4018, 27.7608,
18.6599

195.6145,
198.0406, 169.4739

 18.7708, 18.1454,
11.2505

238.1428,
241.6893, 210.1767

 11.6078, 11.0544,
6.1193

286.4273,
291.3220, 256.9246

 6.5475, 6.1035,
2.8478

340.8334,

 3.2245, 2.9081,

347.3231, 310.1361

1.0174

401.7265,
410.0768, 370.2298

■ 1.2736, 1.0839,
0.0000

■ 0.1633, 0.0000,
0.0000

■ 75.7568, 75.5972,
58.7430

■ 75.7568, 75.5972,
58.7430

■ 69.7511, 67.6326,
44.2646

■ 82.5562, 84.3695,
75.8886

■ 64.5004, 60.4407,
32.3121

■ 90.1743, 93.9631,
95.8234

■ 59.9713, 53.9983,
22.7380

95.0500, 100.0000,
108.9000

■ 56.1249, 48.2772,
15.3775

■ 52.9181, 43.2468,
10.0445

■ 50.3014, 38.8733,
6.5213

■ 48.2151, 35.1182,
4.5390

■ 47.4774, 33.7347,
4.0091

Harmonies

Analogous

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



80.0532, 75.5972, 66.2367



75.7568, 75.5972, 58.7430



70.5964, 75.5972, 57.1812

Triad

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



75.7568, 75.5972, 58.7430



62.4374, 75.5972, 85.9853



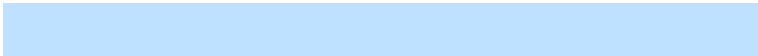
78.0471, 75.5972, 107.0968

Complementary

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



75.7568, 75.5972, 58.7430



65.9606, 71.8869, 105.0068

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.



73.1241, 75.5972, 113.9016



75.7568, 75.5972, 58.7430



64.2326, 75.5972, 100.7992

Square

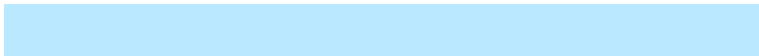
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7568, 75.5972, 58.7430



63.0669, 75.5972, 71.8099



68.0854, 75.5972, 111.4688



81.4191, 75.5972, 93.7923

Rectangle

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



75.7568, 75.5972, 58.7430



67.3889, 75.5972, 59.5191



68.0854, 75.5972, 111.4688



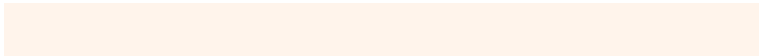
76.5098, 75.5972, 110.2886

Sweetspot

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



75.7587, 75.6006, 58.7446



88.4906, 91.8609, 91.3616



73.0697, 63.1086, 79.7795



18.6896, 19.3474, 18.8937



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.



75.7587, 75.6006, 58.7446



72.5871, 71.4238, 51.0088



85.1418, 94.3668, 61.8723



18.6896, 19.3474, 18.8937



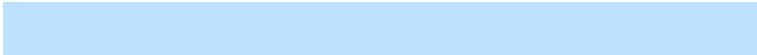
24.9528, 17.9168, 2.1431



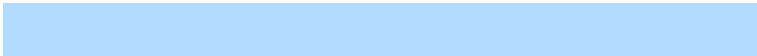
2.5371, 1.9595, 0.2445

Inverse Universe

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



65.9606, 71.8869, 105.0068



61.2908, 67.1394, 104.3366



57.9526, 55.8709, 102.3375



17.8240, 19.0196, 22.9817



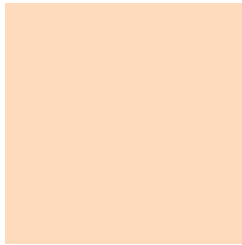
14.4123, 13.7342, 51.3259



1.5125, 1.5557, 5.0338

Previews

White Background



This preview shows how the XYZ color 75.7568, 75.5972, 58.7430 looks on a white background.

Color Contrast Check

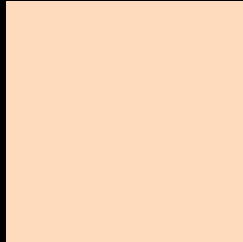
Large Text (above 18pt) WCAG AA × Fail

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 75.7568, 75.5972, 58.7430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

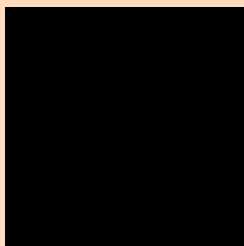
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7568, 75.5972, 58.7430

Background



This preview shows how black text looks on a background with the XYZ color 75.7568, 75.5972, 58.7430.



This preview shows how white text looks on a background with the XYZ color 75.7568, 75.5972,

58.7430.

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

75.7568, 75.5972, 58.7430

Protanopia

71.3647, 75.6607, 60.7118

Deuteranopia

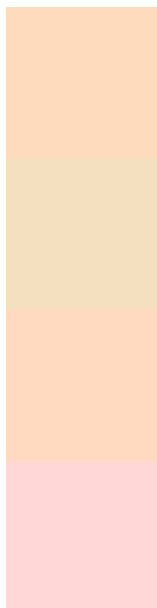
76.2752, 75.3883, 62.7558



Tritanopia

79.6833, 75.5180, 84.5054

Trichromacy



Original Color

75.7568, 75.5972, 58.7430

Protanomaly

73.0999, 75.7700, 60.0625

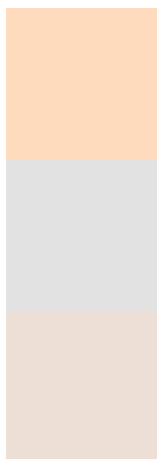
Deuteranomaly

75.9370, 75.2531, 60.9751

Tritanomaly

77.9335, 75.2268, 74.0310

Monochromacy



Original Color

75.7568, 75.5972, 58.7430

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.3230, 75.5840, 73.6754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7568, 75.5972, 58.7430 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, 219, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 189)  
}
```

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, 219, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 189) }
```

Border

The CSS property to change the border of an element to XYZ 75.7568, 75.5972, 58.7430 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, 219, 189) }
```


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

```
.border{ border-color:rgb(255, 219, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7568, 75.5972, 58.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 189) }
```

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

```
.background{ background-color: rgb(255,  
219, 189) }
```

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