

Converting Colors

XYZ(95.4710, 85.5272, 60.1813)

Have a look what the booklet for
XYZ(95.4710, 85.5272, 60.1813)
contains.

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Color

**XYZ(75.6057, 75.1205,
59.2301)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDABE
RGB	255, 218, 190
RGB Percent	100%, 85%, 75%
CMY	0.0000, 0.1451, 0.2549
CMYK	0.00, 0.15, 0.25, 0.00
HSL	26°, 100%, 87%
HSV	26°, 25%, 100%
XYZ	75.6057, 75.1205, 59.2301
YIQ	225.8710, 31.0400, -0.8640

Conversions

Conversions Part 2

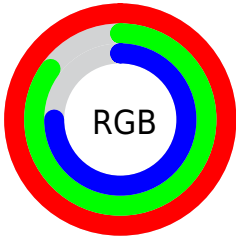
Format	Color
R _Y B	255, 239, 190
Decimal	16767678
CIE Lab	89.45, 8.76, 18.55
CIE LCh	89, 20.508, 64.728
Yxy	75.1205, 0.3601, 0.3578
Android (android.graphics.Color)	4294957758 (0xFFFFDABE)
YUV	225.8710, -17.6844, 25.5461
Hunter-Lab	86.6721, 4.0328, 20.1528

Details

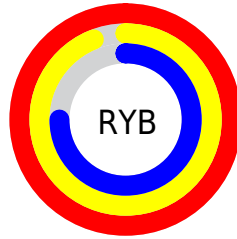
The XYZ color **75.6057, 75.1205, 59.2301** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.7535, 73.1031, 105.1998**, and the grayscale version is **72.3051, 76.0706, 82.8409**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **40.9013, 40.0063, 29.2332** is the 20% darker color. If you saturate the color by 10%, you get **69.4588, 66.9036, 44.6128**, and if you desaturate by 10%, it is **82.5734, 84.1983, 76.5284**.

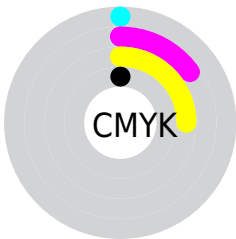
Distribution



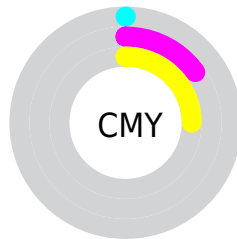
- Red (100%)
- Green (85%)
- Blue (75%)



- Red (100%)
- Yellow (94%)
- Blue (75%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6057, 75.1205, 59.2301 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 75.6057, 75.1205, 59.2301 by changing the saturation by 10% instead.


 75.6057, 75.1205,
59.2301

 75.6057, 75.1205,
59.2301

468.9620,
478.3316, 439.4797

 56.4052, 55.7116,
42.3771


 126.1527,
126.4829, 105.2444

 40.7661, 39.9718,
29.0689


158.2299,
159.2052, 135.2429

 28.3233, 27.5165,
18.8870


195.3300,
197.1342, 170.4602

 18.7112, 17.9615,
11.4126

237.8184,
240.6541, 211.3151

 11.5645, 10.9224,
6.2275

286.0605,
290.1494, 258.2259

 6.5180, 6.0147,
2.9129

340.4215,

 3.2061, 2.8540,

346.0045, 311.6112

1.0503

401.2669,
408.6038, 371.8897

■ 1.2637, 1.0560,
0.0000

■ 0.1558, 0.0000,
0.0000

■ 75.6057, 75.1205,
59.2301

■ 75.6057, 75.1205,
59.2301

■ 69.4588, 66.9036,
44.6128

■ 82.5734, 84.1983,
76.5284

■ 64.0935, 59.5105,
32.5354

■ 90.3883, 94.1527,
96.6298

■ 59.4753, 52.9162,
22.8505

95.0500, 100.0000,
108.9000

■ 55.5642, 47.0899,
15.3936

■ 52.3160, 41.9987,
9.9792

■ 49.6803, 37.6064,
6.3907

■ 47.5964, 33.8715,
4.3613

■ 46.8015, 32.3831,
3.7838

Harmonies

Analogous

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



79.6409, 75.1205, 67.0169



75.6057, 75.1205, 59.2301



70.6061, 75.1205, 57.1937

Triad

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



75.6057, 75.1205, 59.2301



62.1947, 75.1205, 84.0963



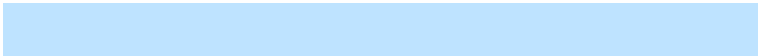
77.0483, 75.1205, 106.7156

Complementary

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



75.6057, 75.1205, 59.2301



66.7535, 73.1031, 105.1998

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.



72.1994, 75.1205, 112.5951



75.6057, 75.1205, 59.2301



63.7477, 75.1205, 98.5966

Square

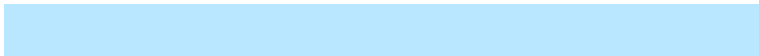
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6057, 75.1205, 59.2301



63.0119, 75.1205, 70.5370



67.3528, 75.1205, 109.4630



80.5009, 75.1205, 94.1880

Rectangle

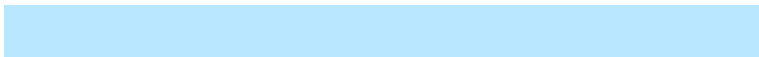
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6057, 75.1205, 59.2301



67.4328, 75.1205, 59.1407



67.3528, 75.1205, 109.4630



75.5194, 75.1205, 109.5978

Sweetspot

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



75.6075, 75.1238, 59.2316



88.3449, 91.5695, 91.3130



73.6460, 63.6846, 81.7495



18.6530, 19.2741, 18.8815



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.



75.6075, 75.1238, 59.2316



72.1203, 70.4901, 50.8532



84.5908, 93.0904, 62.2261



18.6530, 19.2741, 18.8815



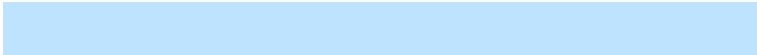
24.5963, 17.2039, 2.0243



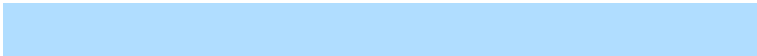
2.5008, 1.8871, 0.2324

Inverse Universe

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



66.7535, 73.1031, 105.1998



61.7842, 68.1262, 104.5010



58.8946, 57.3853, 102.5801



17.8612, 19.0940, 22.9941



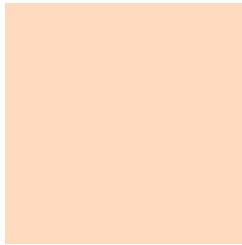
14.8842, 14.6779, 51.4832



1.5578, 1.6463, 5.0489

Previews

White Background



This preview shows how the XYZ color 75.6057, 75.1205, 59.2301 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 75.6057, 75.1205, 59.2301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

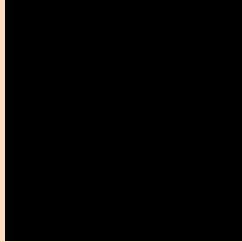
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6057, 75.1205, 59.2301

Background



This preview shows how black text looks on a background with the XYZ color 75.6057, 75.1205, 59.2301.



This preview shows how white text looks on a background with the XYZ color 75.6057, 75.1205,

59.2301.

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

75.6057, 75.1205, 59.2301

Protanopia

70.8734, 74.9944, 61.1920

Deuteranopia

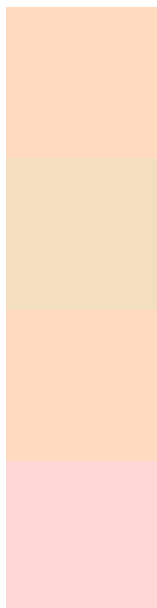
76.1617, 75.3429, 62.1582



Tritanopia

79.2902, 74.9546, 83.6874

Trichromacy



Original Color

75.6057, 75.1205, 59.2301

Protanomaly

72.5979, 75.1030, 60.5392

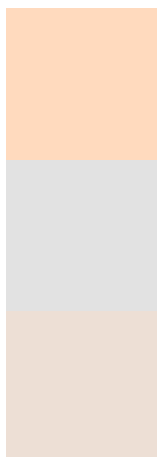
Deuteranomaly

75.9370, 75.2531, 60.9751

Tritanomaly

77.6780, 74.7159, 73.9459

Monochromacy



Original Color

75.6057, 75.1205, 59.2301

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 75.6057, 75.1205, 59.2301 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, 218, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 190)  
}
```

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, 218, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 190) }
```

Border

The CSS property to change the border of an element to XYZ 75.6057, 75.1205, 59.2301 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, 218, 190) }
```


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

```
.border{ border-color:rgb(255, 218, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6057, 75.1205, 59.2301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 190) }
```

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

```
.background{ background-color: rgb(255,  
218, 190) }
```

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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