

Converting Colors

XYZ(88.2816, 71.6360, 43.1521)

Have a look what the booklet for
XYZ(88.2816, 71.6360, 43.1521)
contains.

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Color

**XYZ(65.9592, 60.2638,
42.3381)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDA2
RGB	255, 189, 162
RGB Percent	100%, 74%, 64%
CMY	0.0000, 0.2588, 0.3647
CMYK	0.00, 0.26, 0.36, 0.00
HSL	17°, 100%, 82%
HSV	17°, 36%, 100%
XYZ	65.9592, 60.2638, 42.3381
YIQ	205.6560, 48.0030, 5.5950

Conversions

Conversions Part 2

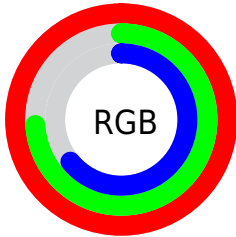
Format	Color
R _Y B	255, 200, 162
Decimal	16760226
CIE Lab	81.98, 20.34, 22.96
CIE LCh	82, 30.670, 48.459
Yxy	60.2638, 0.3913, 0.3575
Android (android.graphics.Color)	4294950306 (0xFFFFBDA2)
YUV	205.6560, -21.5224, 43.2747
Hunter-Lab	77.6298, 15.8129, 22.0050

Details

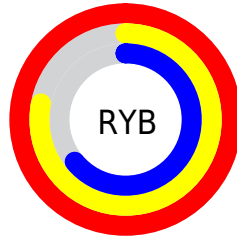
The XYZ color **65.9592, 60.2638, 42.3381** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.6927, 70.3857, 104.9947**, and the grayscale version is **58.5593, 61.6089, 67.0921**.

A 20% lighter version of the original color is **86.4168, 91.5746, 78.7666**, and **34.2434, 30.1895, 18.7742** is the 20% darker color. If you saturate the color by 10%, you get **60.2658, 52.1441, 30.3684**, and if you desaturate by 10%, it is **72.6009, 69.5444, 56.8927**.

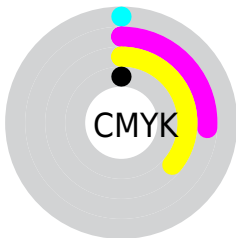
Distribution



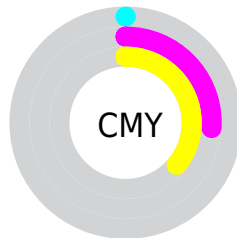
- Red (100%)
- Green (74%)
- Blue (64%)



- Red (100%)
- Yellow (78%)
- Blue (64%)



- Cyan (0%)
- Magenta (26%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9592, 60.2638, 42.3381 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 65.9592, 60.2638, 42.3381 by changing the saturation by 10% instead.


 65.9592, 60.2638,
42.3381


 65.9592, 60.2638,
42.3381


435.7219,
425.5694, 371.7235

 48.5069, 43.6313,
29.0386


 112.4858,
105.2122, 79.9867

 34.4414, 30.3808,
18.8642


 142.2908,
134.2970, 105.1728

 23.3974, 20.1278,
11.3964


176.9441,
168.3013, 135.1582

 15.0095, 12.4880,
6.2166

216.8110,
207.6095, 170.3615

 8.9124, 7.0769,
2.9063

262.2569,
252.6060, 211.2011

 4.7408, 3.5102,
1.0470

313.6471,

 2.1292, 1.4036,

303.6752, 258.0956

0.0000

371.3470,
361.2016, 311.4636

■ 0.7050, 0.2193,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.9592, 60.2638,
42.3381

■ 65.9592, 60.2638,
42.3381

■ 60.2658, 52.1441,
30.3684

■ 72.6009, 69.5444,
56.8927

■ 55.4704, 45.1299,
20.8267

■ 80.2290, 80.0212,
74.1690

■ 51.5247, 39.1739,
13.5449

■ 88.8846, 91.7389,
94.2985

■ 48.3733, 34.2217,
8.3311

95.0500, 100.0000,
108.9000

■ 45.9534, 30.2132,
4.9613

■ 44.1899, 27.0809,
3.1566

■ 43.6919, 26.1638,
2.7473

Harmonies

Analogous

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



69.9497, 60.2638, 54.9396



65.9592, 60.2638, 42.3381



59.8120, 60.2638, 36.4608

Triad

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



65.9592, 60.2638, 42.3381



45.9019, 60.2638, 58.7234



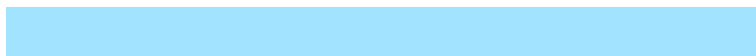
61.3215, 60.2638, 105.6892

Complementary

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



65.9592, 60.2638, 42.3381



60.6927, 70.3857, 104.9947

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.



54.8184, 60.2638, 107.2302



65.9592, 60.2638, 42.3381



46.2389, 60.2638, 77.5953

Square

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



65.9592, 60.2638, 42.3381



48.4374, 60.2638, 44.6559



49.3957, 60.2638, 96.1656



67.1358, 60.2638, 92.2849

Rectangle

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



65.9592, 60.2638, 42.3381



55.4629, 60.2638, 36.2356



49.3957, 60.2638, 96.1656



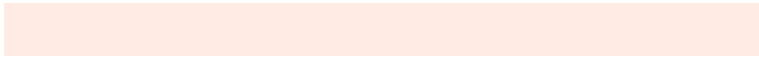
59.1342, 60.2638, 107.6940

Sweetspot

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



65.9607, 60.2667, 42.3393



84.8338, 86.2744, 84.8183



68.2547, 52.7389, 80.4553



17.9074, 18.1270, 17.5723



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.



65.9607, 60.2667, 42.3393



61.5869, 54.0454, 33.0931



77.4272, 83.1997, 46.1615



18.4390, 18.8462, 18.8102



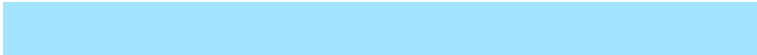
22.9405, 13.8923, 1.4724



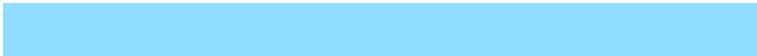
2.3228, 1.5310, 0.1731

Inverse Universe

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



60.6927, 70.3857, 104.9947



55.5759, 65.5075, 104.3228



49.7096, 48.4195, 101.3337



18.0832, 19.5379, 23.0681



18.1956, 21.3007, 52.5870



1.8658, 2.2623, 5.1516

Previews

White Background



This preview shows how the XYZ color 65.9592, 60.2638, 42.3381 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 65.9592, 60.2638, 42.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

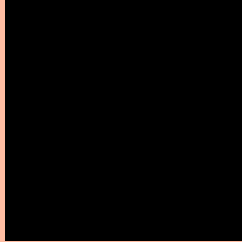
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9592, 60.2638, 42.3381

Background



This preview shows how black text looks on a background with the XYZ color 65.9592, 60.2638, 42.3381.



This preview shows how white text looks on a background with the XYZ color 65.9592, 60.2638,

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

65.9592, 60.2638, 42.3381

Protanopia

57.0732, 60.6492, 46.2345

Deuteranopia

61.7696, 60.4038, 42.1217



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

65.9592, 60.2638, 42.3381

Protanomaly

59.9395, 60.4230, 44.5801

Deuteranomaly

63.1592, 60.1256, 41.9948

Tritanomaly

67.5559, 59.8806, 53.8965

Monochromacy



Original Color

65.9592, 60.2638, 42.3381

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.6890, 60.8736, 57.2663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9592, 60.2638, 42.3381 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, 189, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 162)  
}
```

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, 189, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 162) }
```

Border

The CSS property to change the border of an element to XYZ 65.9592, 60.2638, 42.3381 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, 189, 162) }
```


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

```
.border{ border-color:rgb(255, 189, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9592, 60.2638, 42.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 162) }
```

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

```
.background{ background-color: rgb(255,  
189, 162) }
```

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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