

Converting Colors

XYZ(66.2900, 60.7825, 42.8891)

Have a look what the booklet for
XYZ(66.2900, 60.7825, 42.8891)
contains.

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Color

**XYZ(66.2643, 60.7313,
42.8801)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBEA3
RGB	255, 190, 163
RGB Percent	100%, 75%, 64%
CMY	0.0000, 0.2549, 0.3608
CMYK	0.00, 0.25, 0.36, 0.00
HSL	18°, 100%, 82%
HSV	18°, 36%, 100%
XYZ	66.2643, 60.7313, 42.8801
YIQ	206.3570, 47.4070, 5.3830

Conversions

Conversions Part 2

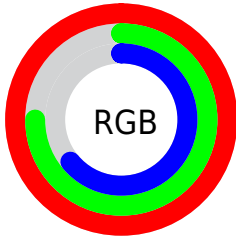
Format	Color
R _Y B	255, 201, 163
Decimal	16760483
CIE Lab	82.23, 19.93, 22.77
CIE LCh	82, 30.262, 48.805
Yxy	60.7313, 0.3901, 0.3575
Android (android.graphics.Color)	4294950563 (0xFFFFBEA3)
YUV	206.3570, -21.3750, 42.6599
Hunter-Lab	77.9303, 15.4009, 21.9277

Details

The XYZ color **66.2643, 60.7313, 42.8801** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.8965, 70.4906, 105.0041**, and the grayscale version is **59.0078, 62.0808, 67.6060**.

A 20% lighter version of the original color is **86.8507, 92.2335, 79.5550**, and **34.6994, 30.6263, 19.1215** is the 20% darker color. If you saturate the color by 10%, you get **60.5424, 52.5825, 30.8145**, and if you desaturate by 10%, it is **72.9323, 70.0347, 57.5350**.

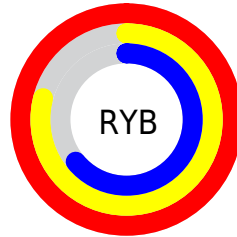
Distribution



Red (100%)

Green (75%)

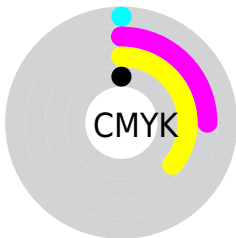
Blue (64%)



Red (100%)

Yellow (79%)

Blue (64%)

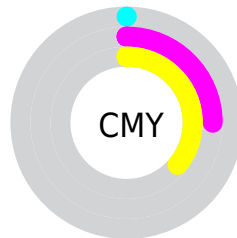


Cyan (0%)

Magenta (25%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2643, 60.7313, 42.8801 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 66.2643, 60.7313, 42.8801 by changing the saturation by 10% instead.


 66.2643, 60.7313,
42.8801


 66.2643, 60.7313,
42.8801


436.7953,
427.2881, 374.0252

 48.7555, 44.0084,
29.4603


 112.9212,
105.8898, 80.8143

 34.6393, 30.6771,
19.1808


 142.8000,
135.0941, 106.1658

 23.5504, 20.3531,
11.6228


177.5329,
169.2277, 136.3317

 15.1233, 12.6520,
6.3680

217.4851,
208.6749, 171.7305

 8.9929, 7.1893,
2.9977

263.0222,
253.8202, 212.7807

 4.7936, 3.5808,
1.0935

314.5093,

 2.1602, 1.4419,

305.0478, 259.9008

0.0000

372.3119,
362.7424, 313.5095

■ 0.7216, 0.2473,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.2643, 60.7313,
42.8801

■ 66.2643, 60.7313,
42.8801

■ 60.5424, 52.5825,
30.8145

■ 72.9323, 70.0347,
57.5350

■ 55.7165, 45.5336,
21.1819

■ 80.5839, 80.5275,
74.9154

■ 51.7388, 39.5377,
13.8150

■ 89.2602, 92.2537,
95.1525

■ 48.5546, 34.5415,
8.5232

95.0500, 100.0000,
108.9000

■ 46.1016, 30.4858,
5.0840

■ 44.3059, 27.3042,
3.2223

■ 43.7461, 26.2722,
2.7654

Harmonies

Analogous

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



70.2494, 60.7313, 55.3460



66.2643, 60.7313, 42.8801



60.1596, 60.7313, 37.0941

Triad

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



66.2643, 60.7313, 42.8801



46.4138, 60.7313, 59.4804



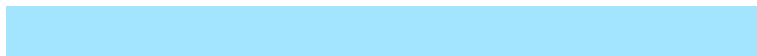
61.8053, 60.7313, 105.6736

Complementary

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



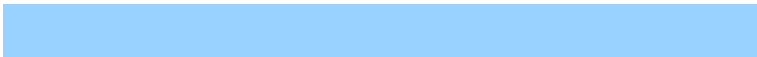
66.2643, 60.7313, 42.8801



60.8965, 70.4906, 105.0041

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.



55.3536, 60.7313, 107.3466



66.2643, 60.7313, 42.8801



46.7824, 60.7313, 78.2222

Square

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



66.2643, 60.7313, 42.8801



48.9024, 60.7313, 45.4207



49.9496, 60.7313, 96.5436



67.5458, 60.7313, 92.3257

Rectangle

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



66.2643, 60.7313, 42.8801



55.8495, 60.7313, 36.9197



49.9496, 60.7313, 96.5436



59.6385, 60.7313, 107.7016

Sweetspot

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



66.2659, 60.7342, 42.8813



84.8592, 86.3253, 84.8267



68.4710, 53.1083, 80.7223



17.9134, 18.1391, 17.5743



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.



66.2659, 60.7342, 42.8813



62.2062, 54.9718, 34.2618



77.5785, 83.3594, 46.6522



18.4438, 18.8558, 18.8118



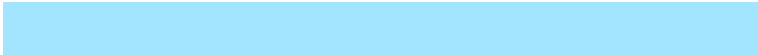
22.9697, 13.9507, 1.4821



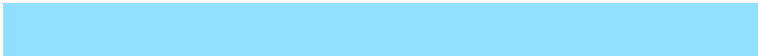
2.3262, 1.5377, 0.1742

Inverse Universe

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



60.8965, 70.4906, 105.0041



56.1267, 65.9473, 104.3786



50.0745, 48.8466, 101.3968



18.0781, 19.5278, 23.0664



18.1109, 21.1314, 52.5588



1.8581, 2.2469, 5.1490

Previews

White Background



This preview shows how the XYZ color 66.2643, 60.7313, 42.8801 looks on a white background.

Color Contrast Check

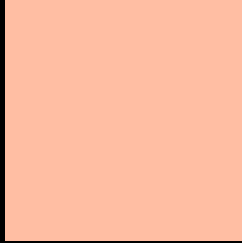
Large Text (above 18pt) WCAG AA × Fail

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 66.2643, 60.7313, 42.8801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

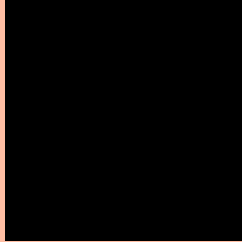
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2643, 60.7313, 42.8801

Background



This preview shows how black text looks on a background with the XYZ color 66.2643, 60.7313, 42.8801.



This preview shows how white text looks on a background with the XYZ color 66.2643, 60.7313,

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

66.2643, 60.7313, 42.8801

Protanopia

57.1675, 60.6869, 46.7309

Deuteranopia

62.0844, 60.8919, 42.6635



Tritanopia

69.1077, 60.5013, 62.0684

Trichromacy



Original Color

66.2643, 60.7313, 42.8801

Protanomaly

60.0316, 60.4599, 45.0651

Deuteranomaly

63.4696, 60.6047, 42.5351

Tritanomaly

67.8733, 60.3458, 54.5250

Monochromacy



Original Color

66.2643, 60.7313, 42.8801

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 66.2643, 60.7313, 42.8801 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, 190, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 163)  
}
```

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, 190, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 163) }
```

Border

The CSS property to change the border of an element to XYZ 66.2643, 60.7313, 42.8801 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, 190, 163) }
```


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

```
.border{ border-color:rgb(255, 190, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2643, 60.7313, 42.8801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 163) }
```

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

```
.background{ background-color: rgb(255,  
190, 163) }
```

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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