

Converting Colors

XYZ(66.1636, 60.4784, 43.0047)

Have a look what the booklet for
XYZ(66.1636, 60.4784, 43.0047)
contains.

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Color

**XYZ(66.0485, 60.2995,
42.8082)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDA3
RGB	255, 189, 163
RGB Percent	100%, 74%, 64%
CMY	0.0000, 0.2588, 0.3608
CMYK	0.00, 0.26, 0.36, 0.00
HSL	17°, 100%, 82%
HSV	17°, 36%, 100%
XYZ	66.0485, 60.2995, 42.8082
YIQ	205.7700, 47.6820, 5.9060

Conversions

Conversions Part 2

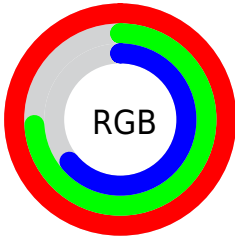
Format	Color
R _Y B	255, 199, 163
Decimal	16760227
CIE Lab	82.00, 20.46, 22.45
CIE LCh	82, 30.372, 47.663
Yxy	60.2995, 0.3905, 0.3565
Android (android.graphics.Color)	4294950307 (0xFFFFBDA3)
YUV	205.7700, -21.0856, 43.1747
Hunter-Lab	77.6528, 15.9330, 21.6717

Details

The XYZ color **66.0485, 60.2995, 42.8082** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.1726, 71.0427, 105.0962**, and the grayscale version is **58.6296, 61.6829, 67.1727**.

A 20% lighter version of the original color is **86.5473, 91.6268, 79.4539**, and **34.5592, 30.3460, 19.0748** is the 20% darker color. If you saturate the color by 10%, you get **60.3004, 52.0986, 30.7339**, and if you desaturate by 10%, it is **72.7565, 69.6829, 57.4764**.

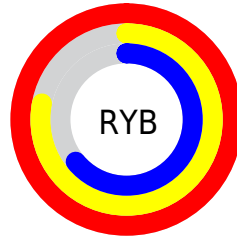
Distribution



Red (100%)

Green (74%)

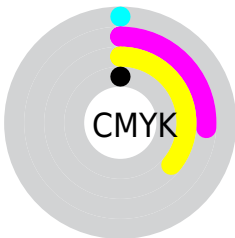
Blue (64%)



Red (100%)

Yellow (78%)

Blue (64%)

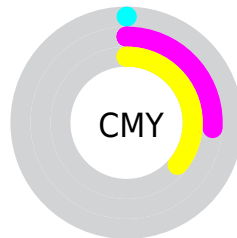


Cyan (0%)

Magenta (26%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.0485, 60.2995, 42.8082 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 66.0485, 60.2995, 42.8082 by changing the saturation by 10% instead.


 66.0485, 60.2995,
42.8082


 66.0485, 60.2995,
42.8082


436.0362,
425.7008, 373.7204

 48.5796, 43.6601,
29.4044


 112.6133,
105.2640, 80.7046

 34.4993, 30.4034,
19.1387


 142.4399,
134.3579, 106.0342

 23.4421, 20.1450,
11.5927


177.1165,
168.3721, 136.1762

 15.0428, 12.5005,
6.3479

217.0084,
207.6909, 171.5491

 8.9359, 7.0855,
2.9855

262.4809,
252.6988, 212.5714

 4.7562, 3.5156,
1.0873

313.8995,

 2.1382, 1.4065,

303.7801, 259.6617

0.0000

371.6295,
361.3194, 313.2386

0.7099, 0.2215,
0.0000

0.0000, 0.0000,
0.0000

66.0485, 60.2995,
42.8082

66.0485, 60.2995,
42.8082

60.3004, 52.0986,
30.7339

72.7565, 69.6829,
57.4764

55.4616, 45.0237,
21.0970

80.4629, 80.2854,
74.8752

51.4831, 39.0262,
13.7298

89.2096, 92.1524,
95.1358

48.3091, 34.0504,
8.4413

95.0500, 100.0000,
108.9000

■ 45.8762, 30.0350,
5.0088

■ 44.1091, 26.9106,
3.1567

■ 43.5625, 25.9050,
2.7042

Harmonies

Analogous

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



69.9179, 60.2995, 55.4888



66.0485, 60.2995, 42.8082



59.9951, 60.2995, 36.7866

Triad

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



66.0485, 60.2995, 42.8082



46.0644, 60.2995, 58.3779



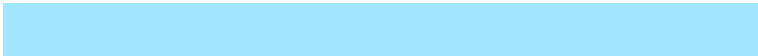
61.1462, 60.2995, 105.4997

Complementary

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



66.0485, 60.2995, 42.8082



61.1726, 71.0427, 105.0962

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.



54.7118, 60.2995, 106.6721



66.0485, 60.2995, 42.8082



46.3219, 60.2995, 76.9948

Square

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



66.0485, 60.2995, 42.8082



48.6518, 60.2995, 44.5812



49.3836, 60.2995, 95.4583



66.9453, 60.2995, 92.5040

Rectangle

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



66.0485, 60.2995, 42.8082



55.6802, 60.2995, 36.4469



49.3836, 60.2995, 95.4583



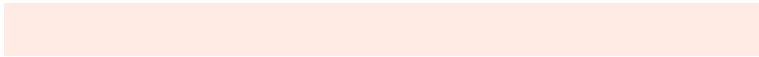
58.9771, 60.2995, 107.3666

Sweetspot

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



66.0500, 60.3023, 42.8094



84.7719, 86.1505, 84.7976



68.6861, 53.1944, 81.8547



17.8927, 18.0977, 17.5674



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.



66.0500, 60.3023, 42.8094



61.9708, 54.5010, 34.1833



77.1412, 82.4849, 46.5065



18.4274, 18.8230, 18.8063



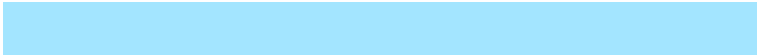
22.8707, 13.7527, 1.4491



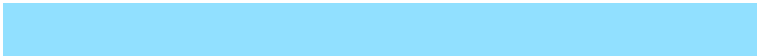
2.3148, 1.5149, 0.1704

Inverse Universe

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



61.1726, 71.0427, 105.0962



56.4460, 66.5860, 104.4851



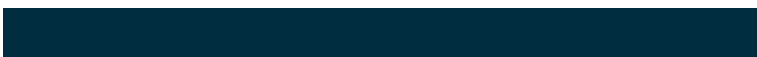
50.3924, 49.4824, 101.5028



18.0955, 19.5625, 23.0722



18.4043, 21.7181, 52.6566



1.8848, 2.3003, 5.1579

Previews

White Background



This preview shows how the XYZ color 66.0485, 60.2995, 42.8082 looks on a white background.

Color Contrast Check

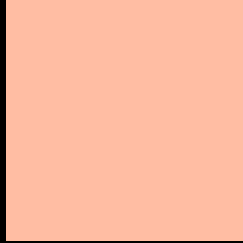
Large Text (above 18pt) WCAG AA × Fail

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 66.0485, 60.2995, 42.8082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

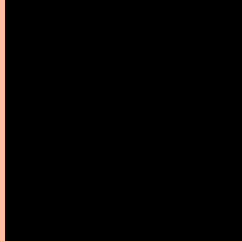
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0485, 60.2995, 42.8082

Background



This preview shows how black text looks on a background with the XYZ color 66.0485, 60.2995, 42.8082.



This preview shows how white text looks on a background with the XYZ color 66.0485, 60.2995,

42.8082.

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

66.0485, 60.2995, 42.8082

Protanopia

57.1675, 60.6869, 46.7309

Deuteranopia

61.5214, 60.2656, 42.5723



Tritanopia

69.1077, 60.5013, 62.0684

Trichromacy



Original Color

66.0485, 60.2995, 42.8082

Protanomaly

60.0316, 60.4599, 45.0651

Deuteranomaly

62.8998, 59.9817, 42.4449

Tritanomaly

67.8733, 60.3458, 54.5250

Monochromacy



Original Color

66.0485, 60.2995, 42.8082

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 66.0485, 60.2995, 42.8082 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 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, 189, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 163) }
```

Border

The CSS property to change the border of an element to XYZ 66.0485, 60.2995, 42.8082 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, 163) }
```


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

```
.border{ border-color:rgb(255, 189, 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, 189, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0485, 60.2995, 42.8082 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, 163) }
```

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

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