

Converting Colors

XYZ(65.9373, 61.1902, 39.3397)

Have a look what the booklet for
XYZ(65.9373, 61.1902, 39.3397)
contains.

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Color

**XYZ(66.0060, 61.3258,
39.3685)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC09B
RGB	255, 192, 155
RGB Percent	100%, 75%, 61%
CMY	0.0000, 0.2470, 0.3922
CMYK	0.00, 0.25, 0.39, 0.00
HSL	22°, 100%, 80%
HSV	22°, 39%, 100%
XYZ	66.0060, 61.3258, 39.3685
YIQ	206.6190, 49.4250, 1.8490

Conversions

Conversions Part 2

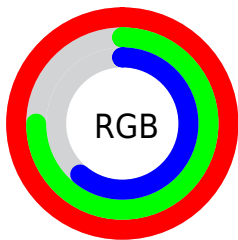
Format	Color
R _Y B	255, 214, 155
Decimal	16760987
CIE Lab	82.55, 17.98, 27.44
CIE LCh	83, 32.803, 56.768
Yxy	61.3258, 0.3960, 0.3679
Android (android.graphics.Color)	4294951067 (0xFFFFC09B)
YUV	206.6190, -25.4482, 42.4301
Hunter-Lab	78.3108, 13.4088, 25.0112

Details

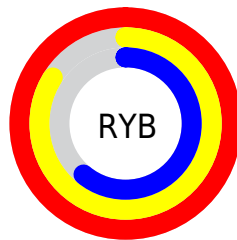
The XYZ color **66.0060, 61.3258, 39.3685** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.6380, 64.3289, 104.0392**, and the grayscale version is **59.2006, 62.2836, 67.8269**.

A 20% lighter version of the original color is **86.7485, 93.6645, 74.4797**, and **34.3521, 30.9122, 17.2528** is the 20% darker color. If you saturate the color by 10%, you get **60.7500, 53.8866, 28.1434**, and if you desaturate by 10%, it is **72.1024, 69.7217, 53.1059**.

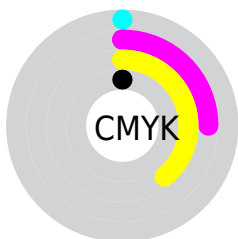
Distribution



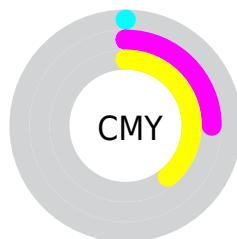
- Red (100%)
- Green (75%)
- Blue (61%)



- Red (100%)
- Yellow (84%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (39%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.0060, 61.3258, 39.3685 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 66.0060, 61.3258, 39.3685 by changing the saturation by 10% instead.


 66.0060, 61.3258,
39.3685

 66.0060, 61.3258,
39.3685


435.8866,
429.4676, 358.9273

 48.5450, 44.4882,
26.7365


 112.5526,
106.7505, 75.4275

 34.4717, 31.0545,
17.1447


 142.3690,
136.1064, 99.6915

 23.4208, 20.6403,
10.1747


177.0344,
170.4038, 128.6699

 15.0270, 12.8613,
5.4078

216.9144,
210.0271, 162.7813

 8.9247, 7.3331,
2.4256

262.3743,
255.3608, 202.4442

 4.7488, 3.6713,
0.8003

313.7794,

 2.1339, 1.4914,

306.7891, 248.0771

0.0000

371.4950,
364.6966, 300.0987

■ 0.7075, 0.2827,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.0060, 61.3258,
39.3685

■ 66.0060, 61.3258,
39.3685

■ 60.7500, 53.8866,
28.1434

■ 72.1024, 69.7217,
53.1059

■ 56.2886, 47.3593,
19.2717

■ 79.0723, 79.0995,
69.4937

■ 52.5785, 41.7080,
12.5817

■ 86.9529, 89.4943,
88.6645

■ 49.5695, 36.8908,
7.8764

95.0500, 100.0000,
108.9000

■ 47.2035, 32.8612,
4.9225

■ 45.3997, 29.5618,
3.3707

■ 45.2751, 29.3303,
3.2750

Harmonies

Analogous

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



71.1946, 61.3258, 50.8271



66.0060, 61.3258, 39.3685



59.0530, 61.3258, 35.1270

Triad

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



66.0060, 61.3258, 39.3685



45.8195, 61.3258, 64.6166



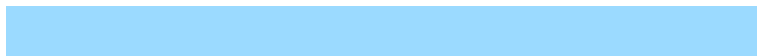
64.5837, 61.3258, 107.5939

Complementary

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



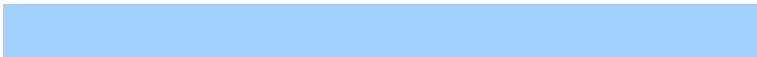
66.0060, 61.3258, 39.3685



56.6380, 64.3289, 104.0392

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.



57.5303, 61.3258, 113.3032



66.0060, 61.3258, 39.3685



47.0444, 61.3258, 85.7482

Square

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



66.0060, 61.3258, 39.3685



47.7075, 61.3258, 47.7432



51.1970, 61.3258, 104.6248



70.3282, 61.3258, 90.2879

Rectangle

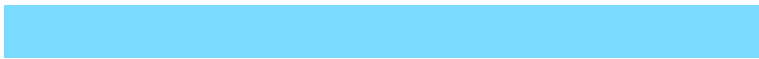
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.0060, 61.3258, 39.3685



54.4790, 61.3258, 36.1686



51.1970, 61.3258, 104.6248



62.2713, 61.3258, 111.0665

Sweetspot

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



66.0076, 61.3287, 39.3697



84.6648, 86.4955, 83.0387



65.6602, 49.7827, 72.7073



17.8974, 18.2185, 17.2254



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.



66.0076, 61.3287, 39.3697



61.8445, 55.4549, 30.4214



78.8095, 86.9327, 43.6370



18.5599, 19.0879, 18.8505



23.7876, 15.5865, 1.7547



2.4164, 1.7182, 0.2043

Inverse Universe

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



56.6380, 64.3289, 104.0392



51.2730, 58.7976, 103.2544



45.6324, 42.3177, 100.3707



17.9568, 19.2851, 23.0259



16.2055, 17.3206, 51.9237



1.6825, 1.8956, 5.0905

Previews

White Background



This preview shows how the XYZ color 66.0060, 61.3258, 39.3685 looks on a white background.

Color Contrast Check

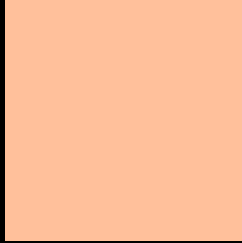
Large Text (above 18pt) WCAG AA × Fail

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 66.0060, 61.3258, 39.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

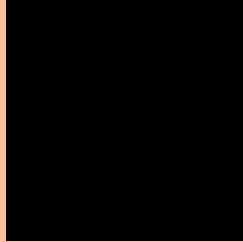
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0060, 61.3258, 39.3685

Background



This preview shows how black text looks on a background with the XYZ color 66.0060, 61.3258, 39.3685.



This preview shows how white text looks on a background with the XYZ color 66.0060, 61.3258,

39.3685.

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

66.0060, 61.3258, 39.3685

Protanopia

57.4778, 61.2959, 42.5201

Deuteranopia

62.7611, 61.3203, 39.1000



Tritanopia

69.7658, 61.4435, 63.4411

Trichromacy



Original Color

66.0060, 61.3258, 39.3685

Protanomaly

60.1910, 60.9676, 41.3964

Deuteranomaly

63.7056, 61.1375, 39.0149

Tritanomaly

68.0893, 61.1159, 53.5552

Monochromacy



Original Color

66.0060, 61.3258, 39.3685

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.9381, 61.7192, 56.2782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0060, 61.3258, 39.3685 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, 192, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 155)  
}
```

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, 192, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 155) }
```

Border

The CSS property to change the border of an element to XYZ 66.0060, 61.3258, 39.3685 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, 192, 155) }
```


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

```
.border{ border-color:rgb(255, 192, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0060, 61.3258, 39.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 155) }
```

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

```
.background{ background-color: rgb(255,  
192, 155) }
```

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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