

Converting Colors

XYZ(66.4831, 62.5465, 38.7056)

Have a look what the booklet for
XYZ(66.4831, 62.5465, 38.7056)
contains.

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Color

**XYZ(66.5049, 62.5901,
38.7129)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC399
RGB	255, 195, 153
RGB Percent	100%, 76%, 60%
CMY	0.0000, 0.2353, 0.4000
CMYK	0.00, 0.24, 0.40, 0.00
HSL	25°, 100%, 80%
HSV	25°, 40%, 100%
XYZ	66.5049, 62.5901, 38.7129
YIQ	208.1520, 49.2420, -0.3420

Conversions

Conversions Part 2

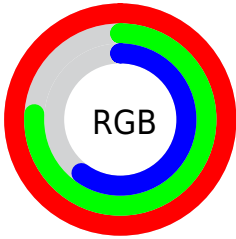
Format	Color
R_{YB}	255, 224, 153
Decimal	16761753
CIE Lab	83.23, 16.19, 29.39
CIE LCh	83, 33.557, 61.153
Yxy	62.5901, 0.3963, 0.3730
Android (android.graphics.Color)	4294951833 (0xFFFFC399)
YUV	208.1520, -27.1899, 41.0857
Hunter-Lab	79.1139, 11.6017, 26.3673

Details

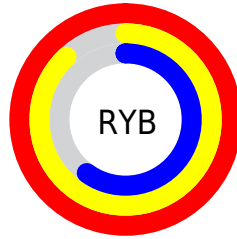
The XYZ color **66.5049, 62.5901, 38.7129** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.9803, 61.5786, 103.5958**, and the grayscale version is **60.2026, 63.3379, 68.9749**.

A 20% lighter version of the original color is **87.4356, 95.4349, 73.4869**, and **34.6881, 31.7448, 16.8695** is the 20% darker color. If you saturate the color by 10%, you get **61.4264, 55.4511, 27.7162**, and if you desaturate by 10%, it is **72.3742, 70.5903, 52.1948**.

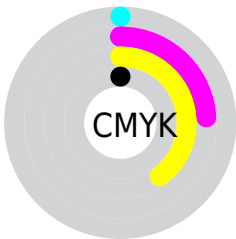
Distribution



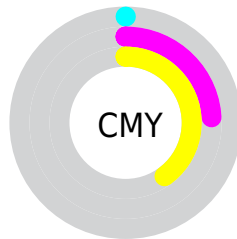
- Red (100%)
- Green (76%)
- Blue (60%)



- Red (100%)
- Yellow (88%)
- Blue (60%)



- Cyan (0%)
- Magenta (24%)
- Yellow (40%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.5049, 62.5901, 38.7129 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 66.5049, 62.5901, 38.7129 by changing the saturation by 10% instead.


 66.5049, 62.5901,
38.7129

 66.5049, 62.5901,
38.7129


437.6406,
434.0803, 356.0578

 48.9516, 45.5097,
26.2303


 113.2644,
108.5779, 74.4150

 34.7955, 31.8591,
16.7687


 143.2013,
138.2541, 98.4717

 23.6711, 21.2539,
9.9095


177.9969,
172.8977, 127.2234

 15.2133, 13.3097,
5.2342

218.0163,
212.8931, 161.0888

 9.0565, 7.6422,
2.3242

263.6251,
258.6247, 200.4864

 4.8354, 3.8668,
0.7447

315.1885,

 2.1848, 1.5994,

310.4768, 245.8348

0.0000

373.0719,
368.8339, 297.5524

0.7347, 0.3572,
0.0000

0.0000, 0.0000,
0.0000

66.5049, 62.5901,
38.7129

66.5049, 62.5901,
38.7129

61.4264, 55.4511,
27.7162

72.3742, 70.5903,
52.1948

57.0952, 49.1329,
19.0452

79.0655, 79.4722,
68.3003

53.4701, 43.6049,
12.5277

86.6138, 89.2668,
87.1618

50.5032, 38.8303,
7.9654

95.0500, 100.0000,
108.9000

■ 48.1390, 34.7685,
5.1221

■ 46.2931, 31.3661,
3.6144

■ 46.2930, 31.3659,
3.6143

Harmonies

Analogous

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



72.2960, 62.5901, 49.4377



66.5049, 62.5901, 38.7129



59.2087, 62.5901, 35.4043

Triad

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



66.5049, 62.5901, 38.7129



46.5596, 62.5901, 68.9602



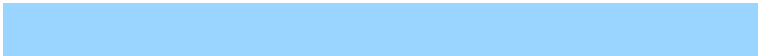
67.0320, 62.5901, 108.5528

Complementary

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



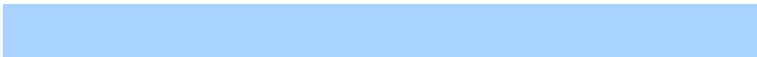
66.5049, 62.5901, 38.7129



54.9803, 61.5786, 103.5958

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.



59.7722, 62.5901, 116.6217



66.5049, 62.5901, 38.7129



48.2932, 62.5901, 91.0726

Square

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



66.5049, 62.5901, 38.7129



48.0484, 62.5901, 50.5748



52.9866, 62.5901, 109.6572



72.6174, 62.5901, 89.3873

Rectangle

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



66.5049, 62.5901, 38.7129



54.5787, 62.5901, 37.1739



52.9866, 62.5901, 109.6572



64.6875, 62.5901, 112.8097

Sweetspot

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



66.5065, 62.5931, 38.7142



85.0335, 87.2329, 83.1616



64.7948, 48.9083, 69.7780



17.9839, 18.3915, 17.2542



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.



66.5065, 62.5931, 38.7142



62.3809, 56.8121, 29.7237



79.5819, 88.7439, 43.0726



18.6238, 19.2157, 18.8718



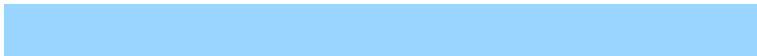
24.3275, 16.6662, 1.9347



2.4732, 1.8317, 0.2232

Inverse Universe

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



54.9803, 61.5786, 103.5958



49.3940, 55.6424, 102.7445



44.3202, 40.2585, 100.0425



17.8910, 19.1537, 23.0040



15.2799, 15.4693, 51.6151



1.5954, 1.7216, 5.0615

Previews

White Background



This preview shows how the XYZ color 66.5049, 62.5901, 38.7129 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 66.5049, 62.5901, 38.7129 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 66.5049, 62.5901, 38.7129

Background



This preview shows how black text looks on a background with the XYZ color 66.5049, 62.5901, 38.7129.



This preview shows how white text looks on a background with the XYZ color 66.5049, 62.5901,

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

66.5049, 62.5901, 38.7129

Protanopia

58.6086, 62.6239, 41.3464

Deuteranopia

64.0970, 62.7067, 38.4311



Tritanopia

70.4329, 62.3987, 64.8318

Trichromacy



Original Color

66.5049, 62.5901, 38.7129

Protanomaly

61.2884, 62.6046, 40.3061

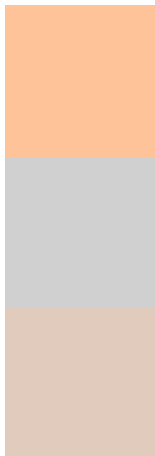
Deuteranomaly

64.9285, 62.7949, 38.4043

Tritanomaly

68.8466, 62.4621, 54.3267

Monochromacy



Original Color

66.5049, 62.5901, 38.7129

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.4844, 62.3503, 56.3712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5049, 62.5901, 38.7129 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, 195, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 153)  
}
```

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, 195, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 153) }
```

Border

The CSS property to change the border of an element to XYZ 66.5049, 62.5901, 38.7129 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, 195, 153) }
```


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

```
.border{ border-color:rgb(255, 195, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5049, 62.5901, 38.7129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 153) }
```

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

```
.background{ background-color: rgb(255,  
195, 153) }
```

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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