

Converting Colors

XYZ(106.6197, 82.9670,
39.1992)

Have a look what the booklet for
XYZ(106.6197, 82.9670, 39.1992)
contains.

XYZ(66.0368, 62.0456, 37.3496) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(66.0368, 62.0456,
37.3496)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC296
RGB	255, 194, 150
RGB Percent	100%, 76%, 59%
CMY	0.0000, 0.2392, 0.4118
CMYK	0.00, 0.24, 0.41, 0.00
HSL	25°, 100%, 79%
HSV	25°, 41%, 100%
XYZ	66.0368, 62.0456, 37.3496
YIQ	207.2230, 50.4800, -0.7520

Conversions

Conversions Part 2

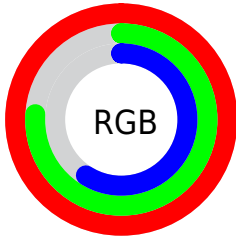
Format	Color
R_{YB}	255, 226, 150
Decimal	16761494
CIE _{Lab}	82.94, 16.39, 30.58
CIE _{LCh}	83, 34.694, 61.808
Yxy	62.0456, 0.3992, 0.3751
Android (android.graphics.Color)	4294951574 (0xFFFFC296)
YUV	207.2230, -28.2109, 41.9004
Hunter-Lab	78.7690, 11.8015, 27.0250

Details

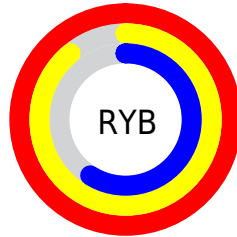
The XYZ color **66.0368, 62.0456, 37.3496** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.9209, 60.2901, 103.4028**, and the grayscale version is **59.6067, 62.7109, 68.2922**.

A 20% lighter version of the original color is **86.6363, 94.6140, 70.8228**, and **34.3952, 31.3928, 16.0510** is the 20% darker color. If you saturate the color by 10%, you get **61.0688, 55.0459, 26.6418**, and if you desaturate by 10%, it is **71.7834, 69.8873, 50.5224**.

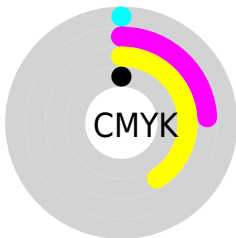
Distribution



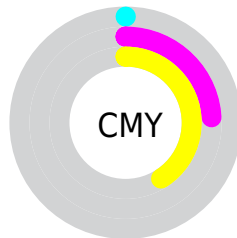
- Red (100%)
- Green (76%)
- Blue (59%)



- Red (100%)
- Yellow (89%)
- Blue (59%)



- Cyan (0%)
- Magenta (24%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.0368, 62.0456, 37.3496 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 66.0368, 62.0456, 37.3496 by changing the saturation by 10% instead.


 66.0368, 62.0456,
37.3496


 66.0368, 62.0456,
37.3496


435.9950,
432.0974, 350.0358

 48.5701, 45.0695,
25.1804


 112.5966,
107.7914, 72.3025

 34.4917, 31.5122,
15.9913


 142.4204,
137.3300, 95.9232

 23.4363, 20.9892,
9.3637


177.0939,
171.8249, 124.1982

 15.0384, 13.1161,
4.8791

216.9825,
211.6604, 157.5460

 8.9329, 7.5085,
2.1190

262.4516,
257.2211, 196.3851

 4.7542, 3.7821,
0.6270

313.8665,

 2.1370, 1.5524,

308.8912, 241.1340

0.0000

371.5925,
367.0552, 292.2114

0.7092, 0.3252,
0.0000

0.0000, 0.0000,
0.0000

66.0368, 62.0456,
37.3496

66.0368, 62.0456,
37.3496

61.0688, 55.0459,
26.6418

71.7834, 69.8873,
50.5224

56.8359, 48.8483,
18.2379

78.3397, 78.5910,
66.3000

53.2968, 43.4228,
11.9633

85.7407, 88.1872,
84.8157

50.4033, 38.7331,
7.6162

94.0177, 98.7020,
106.1929

■ 48.0992, 34.7389, 95.0499, 100.0000,
4.9549 108.9000

■ 46.4842, 31.7485,
3.6781

Harmonies

Analogous

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



72.0692, 62.0456, 48.0762



66.0368, 62.0456, 37.3496



58.5194, 62.0456, 34.1646

Triad

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



66.0368, 62.0456, 37.3496



45.7246, 62.0456, 68.8664



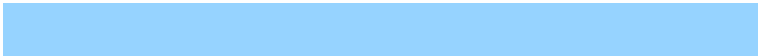
66.8888, 62.0456, 108.9909

Complementary

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



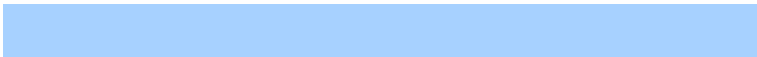
66.0368, 62.0456, 37.3496



53.9209, 60.2901, 103.4028

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.



59.4279, 62.0456, 117.7007



66.0368, 62.0456, 37.3496



47.5671, 62.0456, 91.6963

Square

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



66.0368, 62.0456, 37.3496



47.1746, 62.0456, 49.8947



52.4308, 62.0456, 110.7901



72.5896, 62.0456, 88.9618

Rectangle

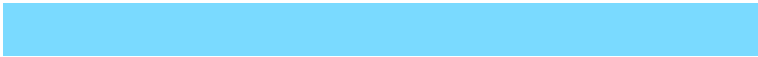
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.0368, 62.0456, 37.3496



53.7853, 62.0456, 36.0581



52.4308, 62.0456, 110.7901



64.4829, 62.0456, 113.5096

Sweetspot

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



66.0384, 62.0486, 37.3508



85.0981, 87.3620, 83.1832



63.9359, 47.7889, 67.6473



17.9991, 18.4218, 17.2592



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.



66.0384, 62.0486, 37.3508



62.0861, 56.4999, 28.7700



79.7769, 89.5257, 41.9304



18.6349, 19.2380, 18.8755



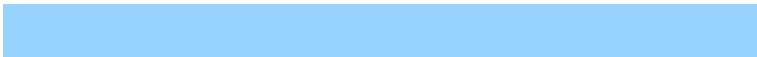
24.4287, 16.8686, 1.9684



2.4836, 1.8526, 0.2267

Inverse Universe

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



53.9209, 60.2901, 103.4028



48.5330, 54.5086, 102.5710



42.9834, 38.4151, 99.7570



17.8796, 19.1308, 23.0002



15.1265, 15.1626, 51.5640



1.5809, 1.6925, 5.0566

Previews

White Background



This preview shows how the XYZ color 66.0368, 62.0456, 37.3496 looks on a white background.

Color Contrast Check

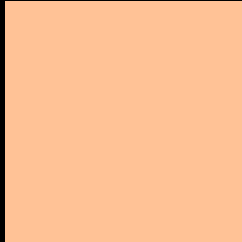
Large Text (above 18pt) WCAG AA × Fail

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 66.0368, 62.0456, 37.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

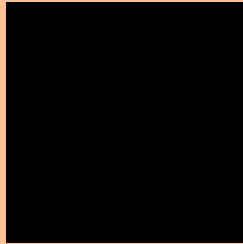
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0368, 62.0456, 37.3496

Background



This preview shows how black text looks on a background with the XYZ color 66.0368, 62.0456, 37.3496.



This preview shows how white text looks on a background with the XYZ color 66.0368, 62.0456,

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

66.0368, 62.0456, 37.3496

Protanopia

58.1324, 62.3981, 40.4326

Deuteranopia

63.2751, 61.9706, 37.0603



Tritanopia

70.0983, 61.9195, 64.1342

Trichromacy



Original Color

66.0368, 62.0456, 37.3496

Protanomaly

60.5575, 61.8978, 39.3276

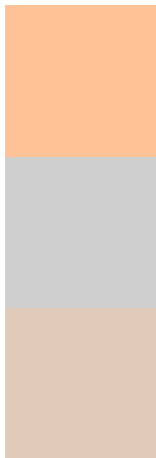
Deuteranomaly

64.4580, 62.2422, 37.0504

Tritanomaly

68.4180, 61.9405, 53.1494

Monochromacy



Original Color

66.0368, 62.0456, 37.3496

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.7239, 61.6335, 55.1503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0368, 62.0456, 37.3496 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, 194, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 150)  
}
```

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, 194, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 150) }
```

Border

The CSS property to change the border of an element to XYZ 66.0368, 62.0456, 37.3496 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, 194, 150) }
```


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

```
.border{ border-color:rgb(255, 194, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0368, 62.0456, 37.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 150) }
```

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

```
.background{ background-color: rgb(255,  
194, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor