

Converting Colors

XYZ(65.2441, 62.1995, 31.7233)

Have a look what the booklet for
XYZ(65.2441, 62.1995, 31.7233)
contains.

| | |
|--|----|
| XYZ(65.1990, 62.0678, 31.8365) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(65.1990, 62.0678,
31.8365)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC388 |
| RGB | 255, 195, 136 |
| RGB Percent | 100%, 76%, 53% |
| CMY | 0.0000, 0.2353, 0.4667 |
| CMYK | 0.00, 0.24, 0.47, 0.00 |
| HSL | 30°, 100%, 77% |
| HSV | 30°, 47%, 100% |
| XYZ | 65.1990, 62.0678, 31.8365 |
| YIQ | 206.2140, 54.6990, -5.6290 |

Conversions

Conversions Part 2

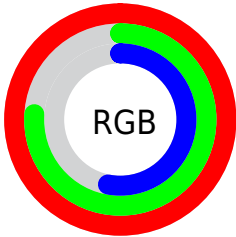
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 253, 136 |
| Decimal | 16761736 |
| CIE _{Lab} | 82.95, 14.46, 37.86 |
| CIE _{LCh} | 83, 40.525, 69.097 |
| Yxy | 62.0678, 0.4098, 0.3901 |
| Android (android.graphics.Color) | 4294951816 (0xFFFFC388) |
| YUV | 206.2140, -34.6155, 42.7853 |
| Hunter-Lab | 78.7831, 9.8518, 31.1889 |

Details

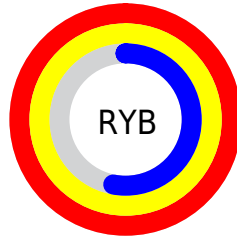
The XYZ color **65.1990, 62.0678, 31.8365** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.9424, 51.9319, 102.1044**, and the grayscale version is **58.9950, 62.0673, 67.5913**.

A 20% lighter version of the original color is **85.3447, 94.5985, 62.4764**, and **33.9295, 31.4414, 12.8748** is the 20% darker color. If you saturate the color by 10%, you get **60.8406, 55.9144, 22.4815**, and if you desaturate by 10%, it is **70.2396, 68.8956, 43.5469**.

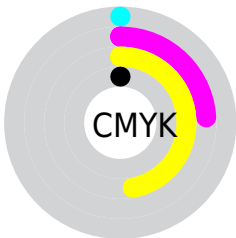
Distribution



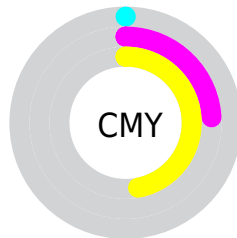
- Red (100%)
- Green (76%)
- Blue (53%)



- Red (100%)
- Yellow (99%)
- Blue (53%)



- Cyan (0%)
- Magenta (24%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1990, 62.0678, 31.8365 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 65.1990, 62.0678, 31.8365 by changing the saturation by 10% instead.


 65.1990, 62.0678,
31.8365


 65.1990, 62.0678,
31.8365


433.0407,
432.1784, 324.8435


 47.8878, 45.0875,
20.9729


 111.4000,
107.8235, 63.6496

 33.9489, 31.5263,
12.9131


 141.0205,
137.3677, 85.4362

 23.0170, 21.0000,
7.2387

 175.4748,
171.8686, 111.7008

 14.7269, 13.1240,
3.5311

215.1283,
211.7107, 142.8620

 8.7130, 7.5140,
1.3718

260.3462,
257.2783, 179.3383

 4.6100, 3.7856,
0.1196

311.4940,

 2.0527, 1.5543,

308.9559, 221.5483

0.0000

368.9371,
367.1278, 269.9105

0.6633, 0.3265,
0.0000

0.0000, 0.0000,
0.0000

65.1990, 62.0678,
31.8365

65.1990, 62.0678,
31.8365

60.8406, 55.9144,
22.4815

70.2396, 68.8956,
43.5469

57.1225, 50.4017,
15.3126

75.9918, 76.4122,
57.7586

54.0046, 45.5055,
10.1434

82.4887, 84.6423,
74.6098

51.4389, 41.1960,
6.7540

89.7595, 93.6066,
94.2274

■ 49.3662, 37.4381, 95.0498, 99.9999,
4.8685 108.9000

■ 48.7572, 36.2947,
4.4358

Harmonies

Analogous

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



73.0300, 62.0678, 41.5328



65.1990, 62.0678, 31.8365



56.3747, 62.0678, 30.3093

Triad

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



65.1990, 62.0678, 31.8365



43.8983, 62.0678, 75.4850



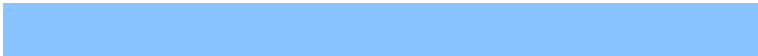
70.2463, 62.0678, 112.2704

Complementary

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



65.1990, 62.0678, 31.8365



47.9424, 51.9319, 102.1044

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.



61.6924, 62.0678, 127.1607



65.1990, 62.0678, 31.8365



46.8818, 62.0678, 102.7289

Square

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



65.1990, 62.0678, 31.8365



44.6376, 62.0678, 51.8136



53.1950, 62.0678, 123.2929



76.1383, 62.0678, 86.2614

Rectangle

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



65.1990, 62.0678, 31.8365



51.1883, 62.0678, 33.6298



53.1950, 62.0678, 123.2929



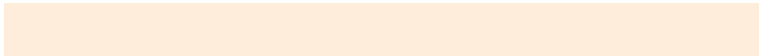
67.5546, 62.0678, 119.0017

Sweetspot

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



65.2005, 62.0708, 31.8377



84.3504, 86.9597, 79.5642



60.1779, 42.9222, 58.2277



17.7311, 18.2107, 16.1685



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.



65.2005, 62.0708, 31.8377



61.1107, 56.3042, 23.0346



80.8143, 93.2984, 37.0423



18.7533, 19.4748, 18.9149



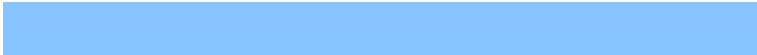
25.6258, 19.2628, 2.3675



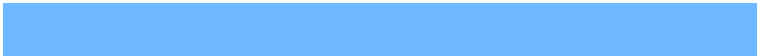
2.6042, 2.0938, 0.2669

Inverse Universe

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



47.9424, 51.9319, 102.1044



41.9381, 45.0390, 101.0908



37.2900, 30.6271, 98.5536



17.7599, 18.8913, 22.9603



13.6527, 12.2150, 51.0727



1.4386, 1.4079, 5.0092

Previews

White Background



This preview shows how the XYZ color 65.1990, 62.0678, 31.8365 looks on a white background.

Color Contrast Check

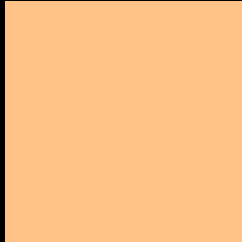
Large Text (above 18pt) WCAG AA × Fail

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 65.1990, 62.0678, 31.8365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

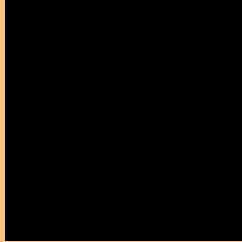
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1990, 62.0678, 31.8365

Background



This preview shows how black text looks on a background with the XYZ color 65.1990, 62.0678, 31.8365.



This preview shows how white text looks on a background with the XYZ color 65.1990, 62.0678,

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

65.1990, 62.0678, 31.8365

Protanopia

57.8610, 62.3960, 34.1933

Deuteranopia

63.6342, 62.2772, 31.5885



Tritanopia

70.0983, 61.9195, 64.1342

Trichromacy



Original Color

65.1990, 62.0678, 31.8365

Protanomaly

60.2771, 62.2381, 33.2623

Deuteranomaly

64.1231, 62.1910, 31.5461

Tritanomaly

67.9067, 61.7360, 50.4566

Monochromacy



Original Color

65.1990, 62.0678, 31.8365

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.2015, 61.4245, 52.3992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1990, 62.0678, 31.8365 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 136) }
```

Border

The CSS property to change the border of an element to XYZ 65.1990, 62.0678, 31.8365 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, 136) }
```


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

```
.border{ border-color:rgb(255, 195, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1990, 62.0678, 31.8365 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, 136) }
```

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

```
.background{ background-color: rgb(255,  
195, 136) }
```

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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