

Converting Colors

XYZ(73.5373, 66.5636, 33.6260)

Have a look what the booklet for
XYZ(73.5373, 66.5636, 33.6260)
contains.

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Color

**XYZ(65.7136, 62.6333,
33.4369)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC48C
RGB	255, 196, 140
RGB Percent	100%, 77%, 55%
CMY	0.0000, 0.2313, 0.4510
CMYK	0.00, 0.23, 0.45, 0.00
HSL	29°, 100%, 77%
HSV	29°, 45%, 100%
XYZ	65.7136, 62.6333, 33.4369
YIQ	207.2570, 53.1400, -4.9080

Conversions

Conversions Part 2

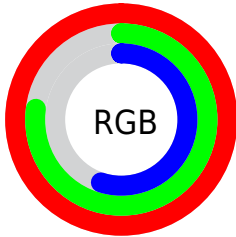
Format	Color
R _Y B	255, 249, 140
Decimal	16761996
CIE Lab	83.25, 14.32, 36.19
CIE LCh	83, 38.918, 68.403
Yxy	62.6333, 0.4062, 0.3871
Android (android.graphics.Color)	4294952076 (0xFFFFC48C)
YUV	207.2570, -33.1577, 41.8706
Hunter-Lab	79.1412, 9.7174, 30.3490

Details

The XYZ color **65.7136, 62.6333, 33.4369** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.2879, 53.6403, 102.3636**, and the grayscale version is **59.6584, 62.7653, 68.3514**.

A 20% lighter version of the original color is **86.1029, 95.4056, 64.9160**, and **34.2411, 31.8030, 13.7851** is the 20% darker color. If you saturate the color by 10%, you get **61.2240, 56.3225, 23.7143**, and if you desaturate by 10%, it is **70.8993, 69.6390, 45.5422**.

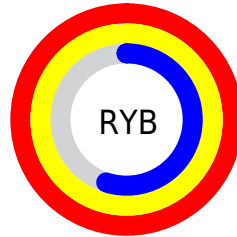
Distribution



Red (100%)

Green (77%)

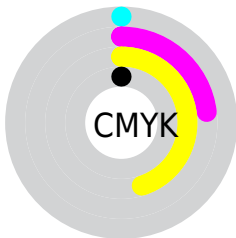
Blue (55%)



Red (100%)

Yellow (98%)

Blue (55%)

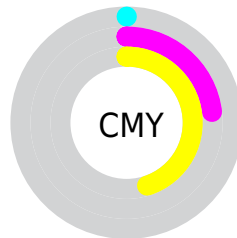


Cyan (0%)

Magenta (23%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7136, 62.6333, 33.4369 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 65.7136, 62.6333, 33.4369 by changing the saturation by 10% instead.


 65.7136, 62.6333,
33.4369

 65.7136, 62.6333,
33.4369

434.8567,
434.2374, 332.3060


 48.3068, 45.5446,
22.1875


 112.1352,
108.6403, 66.1809

 34.2822, 31.8866,
13.7951

 141.8807,
138.3274, 88.5126

 23.2744, 21.2749,
7.8412


 176.4698,
172.9828, 115.3754

 14.9180, 13.3251,
3.9072

216.2678,
212.9908, 147.1879

 8.8478, 7.6528,
1.5746

261.6402,
258.7359, 184.3687

 4.6984, 3.8736,
0.2726

312.9522,

 2.1043, 1.6031,

310.6024, 227.3363

0.0000

370.5693,
368.9748, 276.5093

0.6916, 0.3597,
0.0000

0.0000, 0.0000,
0.0000

65.7136, 62.6333,
33.4369

65.7136, 62.6333,
33.4369

61.2240, 56.3225,
23.7143

70.8993, 69.6390,
45.5422

57.3887, 50.6722,
16.2076

76.8104, 77.3542,
60.1738

54.1681, 45.6581,
10.7344

83.4798, 85.8042,
77.4685

51.5149, 41.2500,
7.0808

90.9369, 95.0101,
97.5518

■ 49.3721, 37.4131, 95.0500, 100.0000,
4.9834 108.9000

■ 48.4710, 35.7220,
4.3403

Harmonies

Analogous

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



73.1925, 62.6333, 43.1837



65.7136, 62.6333, 33.4369



57.1881, 62.6333, 31.7458

Triad

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



65.7136, 62.6333, 33.4369



44.8614, 62.6333, 75.2257



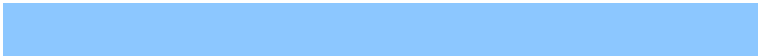
70.2048, 62.6333, 111.5460

Complementary

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



65.7136, 62.6333, 33.4369



49.2879, 53.6403, 102.3636

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.



61.9372, 62.6333, 125.3613



65.7136, 62.6333, 33.4369



47.6850, 62.6333, 101.3776

Square

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



65.7136, 62.6333, 33.4369



45.6663, 62.6333, 52.4642



53.7490, 62.6333, 121.2550



75.9515, 62.6333, 86.7971

Rectangle

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



65.7136, 62.6333, 33.4369



52.1323, 62.6333, 34.9098



53.7490, 62.6333, 121.2550



67.5987, 62.6333, 117.8603

Sweetspot

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



65.7151, 62.6363, 33.4381



84.2591, 86.7770, 79.5338



60.9757, 44.1597, 59.5973



17.7089, 18.1663, 16.1611



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.



65.7151, 62.6363, 33.4381



61.6841, 56.9824, 24.6699



81.1253, 93.4567, 38.5749



18.7396, 19.4474, 18.9104



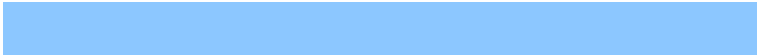
25.4754, 18.9621, 2.3173



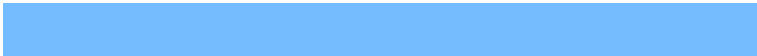
2.5893, 2.0640, 0.2619

Inverse Universe

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



49.2879, 53.6403, 102.3636



43.3968, 46.9633, 101.3853



38.5264, 32.1174, 98.7764



17.7736, 18.9188, 22.9649



13.8095, 12.5286, 51.1250



1.4540, 1.4386, 5.0143

Previews

White Background



This preview shows how the XYZ color 65.7136, 62.6333, 33.4369 looks on a white background.

Color Contrast Check

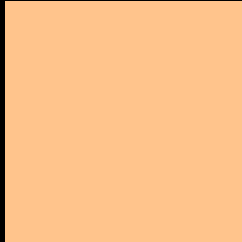
Large Text (above 18pt) WCAG AA × Fail

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 65.7136, 62.6333, 33.4369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

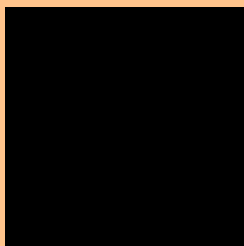
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7136, 62.6333, 33.4369

Background



This preview shows how black text looks on a background with the XYZ color 65.7136, 62.6333, 33.4369.



This preview shows how white text looks on a background with the XYZ color 65.7136, 62.6333,

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

65.7136, 62.6333, 33.4369

Protanopia

58.4072, 63.0034, 35.8705

Deuteranopia

64.1505, 62.8507, 33.1764



Tritanopia

70.4329, 62.3987, 64.8318

Trichromacy



Original Color

65.7136, 62.6333, 33.4369

Protanomaly

60.8117, 62.8311, 34.9091

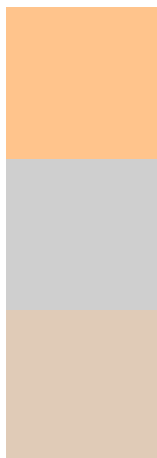
Deuteranomaly

64.6379, 62.7615, 33.1335

Tritanomaly

68.3279, 62.2546, 51.5951

Monochromacy



Original Color

65.7136, 62.6333, 33.4369

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.6436, 61.9781, 53.5664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7136, 62.6333, 33.4369 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, 196, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 140)  
}
```

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, 196, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 140) }
```

Border

The CSS property to change the border of an element to XYZ 65.7136, 62.6333, 33.4369 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, 196, 140) }
```


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

```
.border{ border-color:rgb(255, 196, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7136, 62.6333, 33.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 140) }
```

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

```
.background{ background-color: rgb(255,  
196, 140) }
```

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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