

Converting Colors

XYZ(71.9319, 65.7654, 30.9154)

Have a look what the booklet for
XYZ(71.9319, 65.7654, 30.9154)
contains.

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Color

**XYZ(65.2136, 62.4333,
30.8040)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC485
RGB	255, 196, 133
RGB Percent	100%, 77%, 52%
CMY	0.0000, 0.2313, 0.4784
CMYK	0.00, 0.23, 0.48, 0.00
HSL	31°, 100%, 76%
HSV	31°, 48%, 100%
XYZ	65.2136, 62.4333, 30.8040
YIQ	206.4590, 55.3870, -7.0850

Conversions

Conversions Part 2

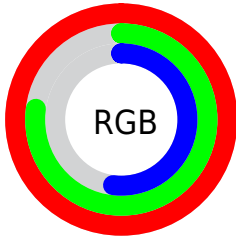
Format	Color
RYB	247, 255, 133
Decimal	16761989
CIELab	83.14, 13.66, 39.64
CIELCh	83, 41.929, 70.992
Yxy	62.4333, 0.4116, 0.3940
Android (android.graphics.Color)	4294952069 (0xFFFFC485)
YUV	206.4590, -36.2153, 42.5705
Hunter-Lab	79.0147, 9.0464, 32.1960

Details

The XYZ color **65.2136, 62.4333, 30.8040** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.5718, 49.9039, 101.7854**, and the grayscale version is **59.1620, 62.2431, 67.7827**.

A 20% lighter version of the original color is **85.3349, 95.0984, 60.8719**, and **33.9609, 31.6910, 12.3097** is the 20% darker color. If you saturate the color by 10%, you get **60.9935, 56.4785, 21.7355**, and if you desaturate by 10%, it is **70.0930, 69.0223, 42.2031**.

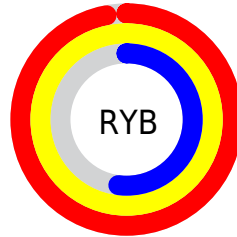
Distribution



Red (100%)

Green (77%)

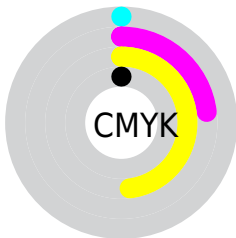
Blue (52%)



Red (97%)

Yellow (100%)

Blue (52%)

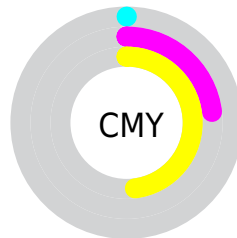


Cyan (0%)

Magenta (23%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2136, 62.4333, 30.8040 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 65.2136, 62.4333, 30.8040 by changing the saturation by 10% instead.


 65.2136, 62.4333,
30.8040


 65.2136, 62.4333,
30.8040


433.0922,
433.5099, 319.9575


 47.8996, 45.3829,
20.1924


 111.4209,
108.3515, 62.0073

 33.9583, 31.7591,
12.3495


 141.0449,
137.9881, 83.4361

 23.0243, 21.1776,
6.8568


 175.5031,
172.5890, 109.3078

 14.7323, 13.2539,
3.2956

215.1606,
212.5384, 140.0408

 8.7168, 7.6036,
1.2475

260.3830,
258.2208, 176.0538

 4.6125, 3.8424,
0.0182

311.5354,

 2.0542, 1.5858,

310.0206, 217.7652

0.0000

368.9834,
368.3221, 265.5936

0.6641, 0.3480,
0.0000

0.0000, 0.0000,
0.0000

65.2136, 62.4333,
30.8040

65.2136, 62.4333,
30.8040

60.9935, 56.4785,
21.7355

70.0930, 69.0223,
42.2031

57.3912, 51.1255,
14.8264

75.6608, 76.2586,
56.0801

54.3667, 46.3516,
9.8874

81.9494, 84.1655,
72.5743

51.8719, 42.1280,
6.6940

88.9878, 92.7627,
91.8136

■ 49.8440, 38.4199, 95.0499, 100.0000,
4.9467 108.9000

■ 49.4495, 37.6791,
4.6665

Harmonies

Analogous

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



73.5253, 62.4333, 40.1625



65.2136, 62.4333, 30.8040



56.0724, 62.4333, 29.7486

Triad

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



65.2136, 62.4333, 30.8040



43.7931, 62.4333, 77.9705



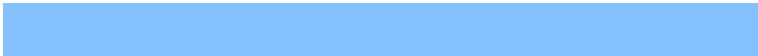
71.5516, 62.4333, 113.1590

Complementary

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



65.2136, 62.4333, 30.8040



46.5718, 49.9039, 101.7854

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.



62.7341, 62.4333, 129.8580



65.2136, 62.4333, 30.8040



47.1093, 62.4333, 106.3551

Square

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



65.2136, 62.4333, 30.8040



44.3112, 62.4333, 52.9536



53.8319, 62.4333, 127.0916



77.4347, 62.4333, 85.6081

Rectangle

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



65.2136, 62.4333, 30.8040



50.7937, 62.4333, 33.4820



53.8319, 62.4333, 127.0916



68.7970, 62.4333, 120.5101

Sweetspot

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



65.2151, 62.4363, 30.8052



84.5637, 87.3863, 79.6353



59.3655, 41.9307, 56.0040



17.7830, 18.3145, 16.1858



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.



65.2151, 62.4363, 30.8052



61.3248, 56.9568, 22.4137



81.2337, 94.4734, 36.1447



18.7853, 19.5388, 18.9256



25.9888, 19.9888, 2.4885



2.6399, 2.1651, 0.2788

Inverse Universe

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



46.5718, 49.9039, 101.7854



40.7452, 43.1290, 100.7850



36.1110, 28.9823, 98.2985



17.7279, 18.8275, 22.9497



13.3004, 11.5105, 50.9553



1.4038, 1.3383, 4.9976

Previews

White Background



This preview shows how the XYZ color 65.2136, 62.4333, 30.8040 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 65.2136, 62.4333, 30.8040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

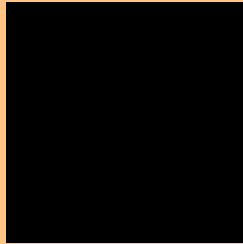
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2136, 62.4333, 30.8040

Background



This preview shows how black text looks on a background with the XYZ color 65.2136, 62.4333, 30.8040.



This preview shows how white text looks on a background with the XYZ color 65.2136, 62.4333,

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

65.2136, 62.4333, 30.8040

Protanopia

57.8795, 62.4393, 32.6683

Deuteranopia

63.8521, 62.4056, 30.8704



Tritanopia

70.3141, 62.3512, 64.2061

Trichromacy



Original Color

65.2136, 62.4333, 30.8040

Protanomaly

60.3919, 62.3223, 32.1390

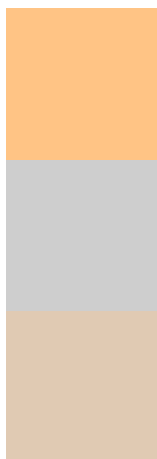
Deuteranomaly

64.3448, 62.3214, 30.8282

Tritanomaly

68.0254, 62.1336, 50.0026

Monochromacy



Original Color

65.2136, 62.4333, 30.8040

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.9977, 61.3430, 51.3260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2136, 62.4333, 30.8040 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 133) }
```

Border

The CSS property to change the border of an element to XYZ 65.2136, 62.4333, 30.8040 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, 133) }
```


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

```
.border{ border-color:rgb(255, 196, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2136, 62.4333, 30.8040 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, 133) }
```

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

```
.background{ background-color: rgb(255,  
196, 133) }
```

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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