

Converting Colors

XYZ(69.0218, 63.1780, 37.0891)

Have a look what the booklet for
XYZ(69.0218, 63.1780, 37.0891)
contains.

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Color

**XYZ(65.7348, 61.5699,
36.8533)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC195
RGB	255, 193, 149
RGB Percent	100%, 76%, 58%
CMY	0.0000, 0.2431, 0.4157
CMYK	0.00, 0.24, 0.42, 0.00
HSL	25°, 100%, 79%
HSV	25°, 42%, 100%
XYZ	65.7348, 61.5699, 36.8533
YIQ	206.5220, 51.0760, -0.5400

Conversions

Conversions Part 2

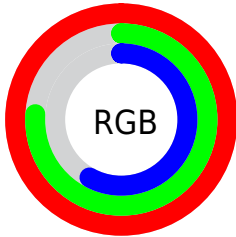
Format	Color
R _Y B	255, 224, 149
Decimal	16761237
CIE Lab	82.68, 16.81, 30.76
CIE LCh	83, 35.056, 61.352
Yxy	61.5699, 0.4004, 0.3751
Android (android.graphics.Color)	4294951317 (0xFFFFC195)
YUV	206.5220, -28.3583, 42.5152
Hunter-Lab	78.4665, 12.2209, 27.0799

Details

The XYZ color **65.7348, 61.5699, 36.8533** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.7377, 60.1957, 103.3943**, and the grayscale version is **59.1556, 62.2363, 67.7754**.

A 20% lighter version of the original color is **86.2051, 93.9430, 70.0892**, and **34.2022, 31.0828, 15.7522** is the 20% darker color. If you saturate the color by 10%, you get **60.7855, 54.5804, 26.2353**, and if you desaturate by 10%, it is **71.4654, 69.4085, 49.9318**.

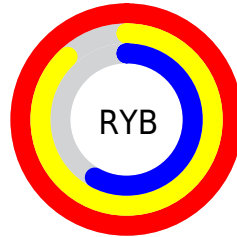
Distribution



Red (100%)

Green (76%)

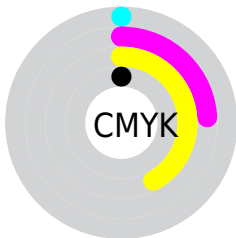
Blue (58%)



Red (100%)

Yellow (88%)

Blue (58%)

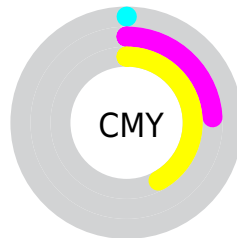


Cyan (0%)

Magenta (24%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7348, 61.5699, 36.8533 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 65.7348, 61.5699, 36.8533 by changing the saturation by 10% instead.


 65.7348, 61.5699,
36.8533


 65.7348, 61.5699,
36.8533


434.9314,
430.3605, 347.8245

 48.3241, 44.6853,
24.7990


 112.1655,
107.1037, 71.5309

 34.2959, 31.2096,
15.7097


 141.9161,
136.5216, 94.9913

 23.2850, 20.7585,
9.1669


176.5107,
170.8861, 123.0909

 14.9259, 12.9476,
4.7519

216.3147,
210.5815, 156.2481

 8.8534, 7.3925,
2.0463

261.6934,
255.9922, 194.8815

 4.7020, 3.7087,
0.5835

313.0122,

 2.1065, 1.5120,

307.5027, 239.4097

0.0000

370.6364,
365.4974, 290.2512

■ 0.6927, 0.2972,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.7348, 61.5699,
36.8533

■ 65.7348, 61.5699,
36.8533

■ 60.7855, 54.5804,
26.2353

■ 71.4654, 69.4085,
49.9318

■ 56.5737, 48.4000,
17.9161

■ 78.0088, 78.1169,
65.6111

■ 53.0577, 42.9977,
11.7200

■ 85.4003, 87.7259,
84.0252

■ 50.1889, 38.3368,
7.4440

■ 93.6713, 98.2621,
105.2976

■ 47.9102, 34.3763, 95.0500, 100.0000,
4.8443 108.9000

■ 46.3799, 31.5398,
3.6433

Harmonies

Analogous

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



71.7666, 61.5699, 47.7081



65.7348, 61.5699, 36.8533



58.1796, 61.5699, 33.5602

Triad

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



65.7348, 61.5699, 36.8533



45.2146, 61.5699, 68.0215



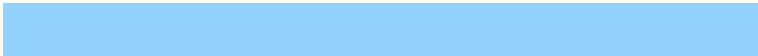
66.3758, 61.5699, 109.0180

Complementary

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



65.7348, 61.5699, 36.8533



53.7377, 60.1957, 103.3943

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.



58.8624, 61.5699, 117.5840



65.7348, 61.5699, 36.8533



47.0134, 61.5699, 90.9926

Square

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



65.7348, 61.5699, 36.8533



46.7190, 61.5699, 49.0706



51.8541, 61.5699, 110.3755



72.1584, 61.5699, 88.9325

Rectangle

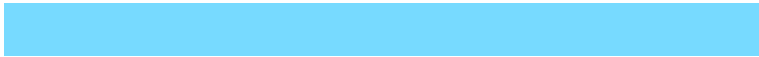
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.7348, 61.5699, 36.8533



53.4088, 61.5699, 35.3779



51.8541, 61.5699, 110.3755



63.9480, 61.5699, 113.5121

Sweetspot

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



65.7363, 61.5728, 36.8545



85.0631, 87.2919, 83.1715



63.9473, 47.5392, 68.4909



17.9908, 18.4054, 17.2565



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.



65.7363, 61.5728, 36.8545



61.5119, 55.6224, 27.7441



79.1361, 88.3723, 41.3211



18.6289, 19.2259, 18.8735



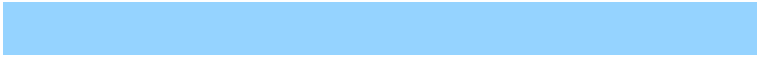
24.3735, 16.7583, 1.9500



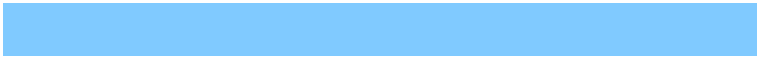
2.4779, 1.8412, 0.2248

Inverse Universe

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



53.7377, 60.1957, 103.3943



48.0137, 54.0437, 102.5086



42.9465, 38.6134, 99.7972



17.8858, 19.1432, 23.0023



15.2095, 15.3285, 51.5917



1.5888, 1.7082, 5.0593

Previews

White Background



This preview shows how the XYZ color 65.7348, 61.5699, 36.8533 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 65.7348, 61.5699, 36.8533 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 65.7348, 61.5699, 36.8533

Background



This preview shows how black text looks on a background with the XYZ color 65.7348, 61.5699, 36.8533.



This preview shows how white text looks on a background with the XYZ color 65.7348, 61.5699,

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

65.7348, 61.5699, 36.8533

Protanopia

57.8065, 61.8813, 39.9079

Deuteranopia

62.9677, 61.4831, 36.5656



Tritanopia

69.7658, 61.4435, 63.4411

Trichromacy



Original Color

65.7348, 61.5699, 36.8533

Protanomaly

60.2407, 61.3968, 38.8127

Deuteranomaly

64.1521, 61.7577, 36.5562

Tritanomaly

68.0970, 61.4643, 52.5307

Monochromacy



Original Color

65.7348, 61.5699, 36.8533

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 65.7348, 61.5699, 36.8533 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, 193, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 149)  
}
```

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, 193, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 149) }
```

Border

The CSS property to change the border of an element to XYZ 65.7348, 61.5699, 36.8533 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, 193, 149) }
```


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

```
.border{ border-color:rgb(255, 193, 149) }
```

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

Here you see how a box with a 4 pixel rgb(255, 193, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7348, 61.5699, 36.8533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 149) }
```

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

```
.background{ background-color: rgb(255,  
193, 149) }
```

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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