

Converting Colors

XYZ(65.2849, 65.5059, 34.4110)

Have a look what the booklet for
XYZ(65.2849, 65.5059, 34.4110)
contains.

XYZ(65.3504, 65.5422, 34.4059)	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(65.3504, 65.5422,
34.4059)**

Conversions

Conversions Part 1

Format	Color
Hex	F8CD8D
RGB	248, 205, 141
RGB Percent	97%, 80%, 55%
CMY	0.0275, 0.1961, 0.4471
CMYK	0.00, 0.17, 0.43, 0.03
HSL	36°, 88%, 76%
HSV	36°, 43%, 97%
XYZ	65.3504, 65.5422, 34.4059
YIQ	210.5610, 46.1720, -10.7880

Conversions

Conversions Part 2

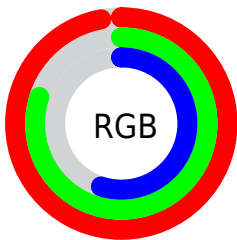
Format	Color
R _Y B	213, 248, 141
Decimal	16305549
CIE Lab	84.76, 6.99, 37.50
CIE LCh	85, 38.149, 79.449
Yxy	65.5422, 0.3953, 0.3965
Android (android.graphics.Color)	4294495629 (0xFFF8CD8D)
YUV	210.5610, -34.2936, 32.8340
Hunter-Lab	80.9581, 2.4106, 31.4734

Details

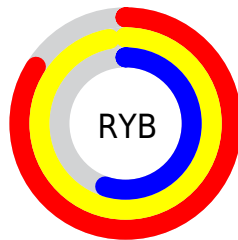
The XYZ color **65.3504, 65.5422, 34.4059** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.0676, 46.7192, 95.4490**, and the grayscale version is **61.8263, 65.0461, 70.8352**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **34.1473, 33.8186, 14.4007** is the 20% darker color. If you saturate the color by 10%, you get **61.3998, 60.2709, 24.9820**, and if you desaturate by 10%, it is **69.8692, 71.2887, 46.0589**.

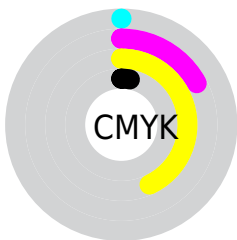
Distribution



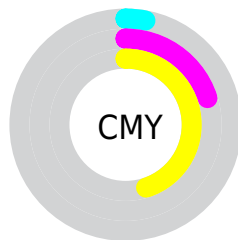
- Red (97%)
- Green (80%)
- Blue (55%)



- Red (84%)
- Yellow (97%)
- Blue (55%)



- Cyan (0%)
- Magenta (17%)
- Yellow (43%)
- Black (3%)




- Cyan (3%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3504, 65.5422, 34.4059 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 65.3504, 65.5422, 34.4059 by changing the saturation by 10% instead.


 65.3504, 65.5422,
34.4059


 65.3504, 65.5422,
34.4059


433.5754,
444.7378, 336.7624


 48.0110, 47.9009,
22.9257


 111.6164,
112.8290, 67.7055

 34.0469, 33.7484,
14.3339


 141.2737,
143.2433, 90.3619

 23.0927, 22.7004,
8.2119


 175.7677,
178.6840, 117.5809

 14.7830, 14.3724,
4.1411

215.4637,
219.5355, 149.7810

 8.7526, 8.3801,
1.7031

260.7272,
266.1823, 187.3806

 4.6360, 4.3391,
0.3628

311.9234,

 2.0678, 1.8650,

319.0087, 230.7983

0.0000

369.4177,
378.3990, 280.4528

■ 0.6716, 0.5272,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.3504, 65.5422,
34.4059

■ 65.3504, 65.5422,
34.4059

■ 61.3998, 60.2709,
24.9820

■ 69.8692, 71.2887,
46.0589

■ 57.9820, 55.4486,
17.6354

■ 74.9795, 77.5166,
60.0713

■ 55.0642, 51.0603,
12.2013

■ 80.7089, 84.2436,
76.5680

■ 52.6072, 47.0853,
8.4877

■ 87.0815, 91.4837,
95.6639

■ 50.5641, 43.5000,
6.2617

■ 92.4675, 98.5889,
108.7637

■ 49.3561, 41.2461,
5.3599

■ 92.5213, 98.6964,
108.7817

Harmonies

Analogous

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



73.5891, 65.5422, 41.2715



65.3504, 65.5422, 34.4059



56.9884, 65.5422, 35.5796

Triad

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



65.3504, 65.5422, 34.4059



48.0637, 65.5422, 88.1903



75.6198, 65.5422, 106.4996

Complementary

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



65.3504, 65.5422, 34.4059



45.0676, 46.7192, 95.4490

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.



67.9231, 65.5422, 125.5070



65.3504, 65.5422, 34.4059



52.2216, 65.5422, 113.3774

Square

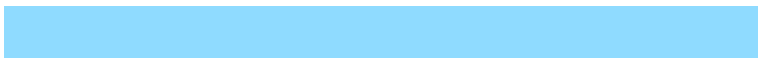
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.3504, 65.5422, 34.4059



47.5114, 65.5422, 63.0972



59.3381, 65.5422, 128.2775



79.8675, 65.5422, 80.3238

Rectangle

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



65.3504, 65.5422, 34.4059



52.4370, 65.5422, 40.8692



59.3381, 65.5422, 128.2775



73.3191, 65.5422, 114.1709

Sweetspot

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



65.3520, 65.5453, 34.4072



86.0616, 89.8397, 81.8067



57.0553, 42.5343, 51.4259



18.1191, 18.8800, 16.6268



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.



65.3520, 65.5453, 34.4072



65.8324, 64.7846, 27.5775



73.9999, 87.4229, 38.1742



18.1082, 18.9522, 18.1661



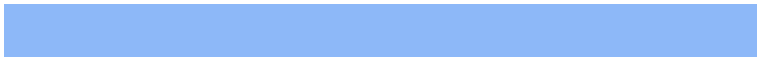
26.8034, 22.5635, 2.9425



2.5863, 2.2974, 0.3071

Inverse Universe

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



45.0676, 46.7192, 95.4490



41.5956, 42.3124, 100.5825



39.0311, 32.3040, 92.9848



16.8555, 17.7878, 21.9303



11.7250, 8.8055, 49.0552



1.1867, 1.0170, 4.5769

Previews

White Background



This preview shows how the XYZ color 65.3504, 65.5422, 34.4059 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 65.3504, 65.5422, 34.4059 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 65.3504, 65.5422, 34.4059

Background



This preview shows how black text looks on a background with the XYZ color 65.3504, 65.5422, 34.4059.



This preview shows how white text looks on a background with the XYZ color 65.3504, 65.5422,

34.4059.

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

65.3504, 65.5422, 34.4059

Protanopia

60.8906, 65.7586, 35.8690

Deuteranopia

67.1115, 65.7357, 34.7423



Tritanopia

72.7378, 65.4430, 70.4261

Trichromacy



Original Color

65.3504, 65.5422, 34.4059

Protanomaly

62.3505, 65.4170, 35.3271

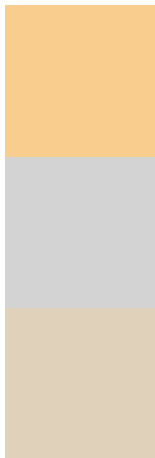
Deuteranomaly

66.6202, 65.8342, 34.7872

Tritanomaly

69.4312, 65.0875, 55.3581

Monochromacy



Original Color

65.3504, 65.5422, 34.4059

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.4039, 64.9934, 55.7103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3504, 65.5422, 34.4059 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(248, 205, 141)` looks like.

```
.text, #text, p{  
    color:rgb(248, 205, 141)  
}
```

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(248, 205, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 205, 141) }
```

Border

The CSS property to change the border of an element to XYZ 65.3504, 65.5422, 34.4059 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(248, 205, 141) }
```


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

```
.border{ border-color:rgb(248, 205, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 205, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 205, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 205, 141);  
box-shadow:4px 4px 4px 4px rgb(248, 205,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3504, 65.5422, 34.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 205, 141) }
```

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

```
.background{ background-color: rgb(248,  
205, 141) }
```

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