

Converting Colors

XYZ(65.3151, 65.4362, 54.5354)

Have a look what the booklet for
XYZ(65.3151, 65.4362, 54.5354)
contains.

XYZ(65.3151, 65.4362, 54.5354)	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(65.3151, 65.4362,
54.5354)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCEB8
RGB	236, 206, 184
RGB Percent	93%, 81%, 72%
CMY	0.0745, 0.1921, 0.2784
CMYK	0.00, 0.13, 0.22, 0.07
HSL	25°, 58%, 82%
HSV	25°, 22%, 93%
XYZ	65.3151, 65.4362, 54.5354
YIQ	212.4620, 24.9420, -0.4820

Conversions

Conversions Part 2

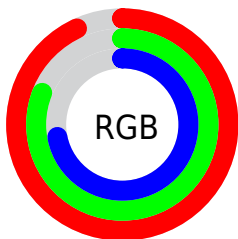
Format	Color
RYB	236, 222, 184
Decimal	15519416
CIELab	84.71, 7.14, 14.80
CIELCh	85, 16.435, 64.249
Yxy	65.4362, 0.3525, 0.3532
Android (android.graphics.Color)	4293709496 (0xFFECCEB8)
YUV	212.4620, -14.0318, 20.6428
Hunter-Lab	80.8926, 2.5640, 16.6533

Details

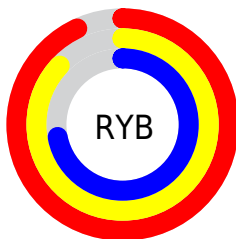
The XYZ color **65.3151, 65.4362, 54.5354** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.9535, 64.3379, 88.6685**, and the grayscale version is **62.9672, 66.2463, 72.1423**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **34.1474, 33.7985, 26.1967** is the 20% darker color. If you saturate the color by 10%, you get **59.9086, 58.2570, 41.5294**, and if you desaturate by 10%, it is **71.4218, 73.3541, 69.8123**.

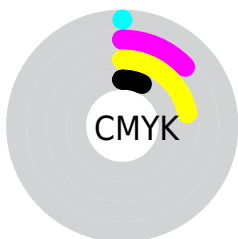
Distribution



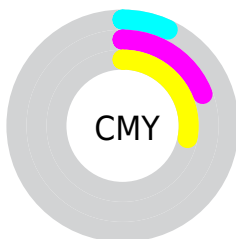
- Red (93%)
- Green (81%)
- Blue (72%)



- Red (93%)
- Yellow (87%)
- Blue (72%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (7%)





- Cyan (7%)
- Magenta (19%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3151, 65.4362, 54.5354 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 65.3151, 65.4362, 54.5354 by changing the saturation by 10% instead.


 65.3151, 65.4362,
54.5354

 65.3151, 65.4362,
54.5354


433.4508,
444.3578, 421.3806

 47.9823, 47.8149,
38.6338


 111.5659,
112.6767, 98.3242

 34.0240, 33.6803,
26.1693


141.2147,
143.0647, 127.0485

 23.0750, 22.6481,
16.7234


175.6994,
178.4771, 160.8841

 14.7699, 14.3339,
9.8776

215.3855,
219.2982, 200.2495

 8.7433, 8.3533,
5.2134

260.6384,
265.9124, 245.5634

 4.6299, 4.3218,
2.3121

311.8233,

 2.0643, 1.8552,

318.7042, 297.2441

0.7380

369.3056,
378.0578, 355.7104

■ 0.6697, 0.5212,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.3151, 65.4362,
54.5354

■ 65.3151, 65.4362,
54.5354

■ 59.9086, 58.2570,
41.5294

■ 71.4218, 73.3541,
69.8123

■ 55.1693, 51.7853,
30.6802

■ 78.2493, 82.0234,
87.4587

■ 51.0693, 46.0000,
21.8696

■ 85.8239, 91.4673,
107.5721

■ 47.5766, 40.8760,
14.9665

■ 88.4022, 96.5729,
108.5889

■ 44.6555, 36.3860,
9.8241

■ 42.2660, 32.5003,
6.2739

■ 40.3613, 29.1857,
4.1134

■ 39.1367, 26.9220,
3.1337

Harmonies

Analogous

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



68.2193, 65.4362, 60.4581



65.3151, 65.4362, 54.5354



61.6731, 65.4362, 52.9170

Triad

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



65.3151, 65.4362, 54.5354



55.4128, 65.4362, 72.7586



66.2563, 65.4362, 89.3153

Complementary

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



65.3151, 65.4362, 54.5354



58.9535, 64.3379, 88.6685

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.



62.7201, 65.4362, 93.3899



65.3151, 65.4362, 54.5354



56.5365, 65.4362, 83.2528

Square

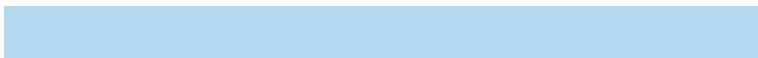
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.3151, 65.4362, 54.5354



56.0467, 65.4362, 62.8155



59.1762, 65.4362, 91.0696



68.7775, 65.4362, 80.4053

Rectangle

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



65.3151, 65.4362, 54.5354



59.3386, 65.4362, 54.3482



59.1762, 65.4362, 91.0696



65.1419, 65.4362, 91.3337

Sweetspot

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



65.3168, 65.4392, 54.5368



89.1108, 92.5088, 93.3951



63.9134, 56.9867, 71.4733



18.9681, 19.6670, 19.7186



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.



65.3168, 65.4392, 54.5368



75.1428, 74.4212, 58.3778



72.0071, 78.8197, 56.7669



15.5894, 16.1018, 15.8050



21.6948, 15.0838, 1.7680



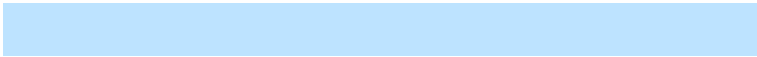
1.7970, 1.3713, 0.1700

Inverse Universe

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



58.9535, 64.3379, 88.6685



66.4157, 72.9080, 105.1799



52.9628, 52.3564, 86.6716



14.9528, 15.9920, 19.2209



13.3399, 13.3267, 45.6122



1.1424, 1.2363, 3.6133

Previews

White Background



This preview shows how the XYZ color 65.3151, 65.4362, 54.5354 looks on a white background.

Color Contrast Check

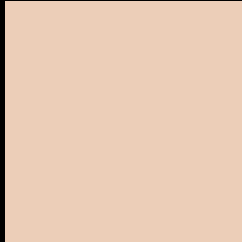
Large Text (above 18pt) WCAG AA × Fail

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 65.3151, 65.4362, 54.5354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

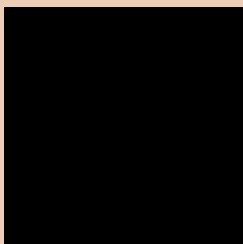
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

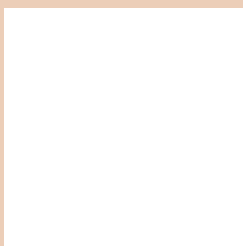
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3151, 65.4362, 54.5354

Background



This preview shows how black text looks on a background with the XYZ color 65.3151, 65.4362, 54.5354.



This preview shows how white text looks on a background with the XYZ color 65.3151, 65.4362, 54.5354.

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

65.3151, 65.4362, 54.5354

Protanopia

62.0827, 65.5485, 56.3937

Deuteranopia

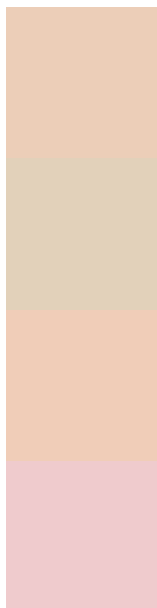
66.8625, 65.5237, 54.4707



Tritanopia

69.3462, 65.3083, 74.5965

Trichromacy



Original Color

65.3151, 65.4362, 54.5354

Protanomaly

63.0274, 65.3148, 55.7395

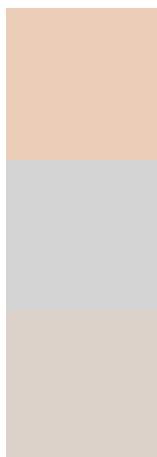
Deuteranomaly

66.4182, 65.6486, 54.5182

Tritanomaly

67.9720, 65.4704, 66.8121

Monochromacy



Original Color

65.3151, 65.4362, 54.5354

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.5261, 65.7296, 65.2160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3151, 65.4362, 54.5354 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(236, 206, 184)` looks like.

```
.text, #text, p{  
    color:rgb(236, 206, 184)  
}
```

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(236, 206, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 206, 184) }
```

Border

The CSS property to change the border of an element to XYZ 65.3151, 65.4362, 54.5354 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(236, 206, 184) }
```


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

```
.border{ border-color:rgb(236, 206, 184) }
```

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

Here you see how a box with a 4 pixel rgb(236, 206, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 206, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 206, 184);  
box-shadow:4px 4px 4px 4px rgb(236, 206,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3151, 65.4362, 54.5354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 206, 184) }
```

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

```
.background{ background-color: rgb(236,  
206, 184) }
```

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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