

Converting Colors

XYZ(63.2276, 65.5564, 54.3330)

Have a look what the booklet for
XYZ(63.2276, 65.5564, 54.3330)
contains.

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Color

**XYZ(63.0263, 65.3507,
54.0919)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D1B7
RGB	227, 209, 183
RGB Percent	89%, 82%, 72%
CMY	0.1098, 0.1804, 0.2823
CMYK	0.00, 0.08, 0.19, 0.11
HSL	35°, 44%, 80%
HSV	35°, 19%, 89%
XYZ	63.0263, 65.3507, 54.0919
YIQ	211.4180, 19.0740, -4.2700

Conversions

Conversions Part 2

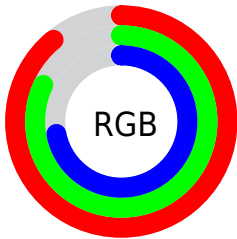
Format	Color
R_{YB}	213, 227, 183
Decimal	14930359
CIE _{Lab}	84.66, 2.11, 15.16
CIE _{LCh}	85, 15.306, 82.060
Yxy	65.3507, 0.3454, 0.3581
Android (android.graphics.Color)	4293120439 (0xFFE3D1B7)
YUV	211.4180, -14.0101, 13.6654
Hunter-Lab	80.8398, -2.3030, 16.9154

Details

The XYZ color **63.0263, 65.3507, 54.0919** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.2800, 57.3855, 80.8893**, and the grayscale version is **62.2757, 65.5189, 71.3501**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **32.5452, 33.7123, 25.9109** is the 20% darker color. If you saturate the color by 10%, you get **58.6402, 60.0593, 41.8982**, and if you desaturate by 10%, it is **67.9298, 71.0660, 68.3396**.

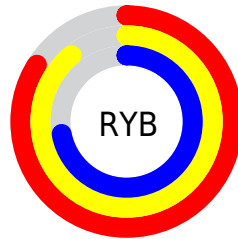
Distribution



Red (89%)

Green (82%)

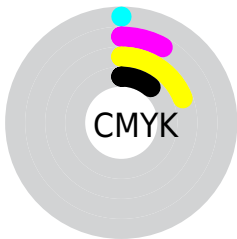
Blue (72%)



Red (84%)

Yellow (89%)

Blue (72%)

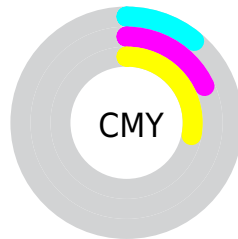


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (11%)



Cyan (11%)


Magenta (18%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0263, 65.3507, 54.0919 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 63.0263, 65.3507, 54.0919 by changing the saturation by 10% instead.


 63.0263, 65.3507,
54.0919

 63.0263, 65.3507,
54.0919

425.3231,
444.0512, 419.6449

 46.1212, 47.7455,
38.2815


 108.2891,
112.5539, 97.6669

 32.5465, 33.6254,
25.8977


137.3774,
142.9207, 126.2686

 21.9368, 22.6060,
16.5220

171.2576,
178.3102, 159.9711

 13.9268, 14.3028,
9.7360

210.2950,
219.1067, 199.1930

 8.1512, 8.3316,
5.1209

254.8548,
265.6946, 244.3527

 4.2444, 4.3078,
2.2584

305.3026,

 1.8413, 1.8472,

318.4584, 295.8689

0.7078

362.0035,
377.7825, 354.1601

■ 0.5424, 0.5163,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0263, 65.3507,
54.0919

■ 63.0263, 65.3507,
54.0919

■ 58.6402, 60.0593,
41.8982

■ 67.9298, 71.0660,
68.3396

■ 54.7457, 55.1711,
31.6575

■ 73.3646, 77.2074,
84.7274

■ 51.3227, 50.6766,
23.2665

■ 79.3506, 83.7887,
103.3417

■ 48.3470, 46.5624,
16.6107

■ 82.7278, 89.5491,
107.5322

■ 45.7922, 42.8141,
11.5626

■ 85.4888, 95.0710,
108.4525

■ 43.6284, 39.4156,
7.9769

■ 41.8205, 36.3489,
5.6815

■ 40.3131, 33.5874,
4.3985

■ 40.2259, 33.4253,
4.3316

Harmonies

Analogous

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



66.2437, 65.3507, 57.3176



63.0263, 65.3507, 54.0919



59.6776, 65.3507, 55.0957

Triad

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



63.0263, 65.3507, 54.0919



56.2188, 65.3507, 78.4631



67.4435, 65.3507, 83.3693

Complementary

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



63.0263, 65.3507, 54.0919



54.2800, 57.3855, 80.8893

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.



64.6155, 65.3507, 90.0679



63.0263, 65.3507, 54.0919



58.1594, 65.3507, 87.0592

Square

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



63.0263, 65.3507, 54.0919



55.8284, 65.3507, 68.5869



61.2103, 65.3507, 91.4768



68.8543, 65.3507, 73.7880

Rectangle

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



63.0263, 65.3507, 54.0919



57.8136, 65.3507, 58.0742



61.2103, 65.3507, 91.4768



66.6223, 65.3507, 86.0677

Sweetspot

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



63.0280, 65.3536, 54.0933



90.7198, 95.1257, 95.7843



59.1947, 54.4315, 62.8514



19.3202, 20.2499, 20.2096



0.0000, 0.0000, 0.0000



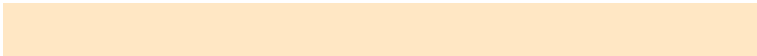
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.0280, 65.3536, 54.0933



79.8231, 82.4204, 64.1353



66.5512, 74.0987, 55.5956



15.0815, 15.7768, 15.1548



23.5772, 19.7285, 2.5653



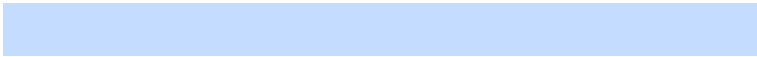
1.8331, 1.6395, 0.2198

Inverse Universe

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



54.2800, 57.3855, 80.8893



66.5879, 70.3664, 104.6803



51.2115, 49.9368, 79.6132



14.0645, 14.8503, 18.2695



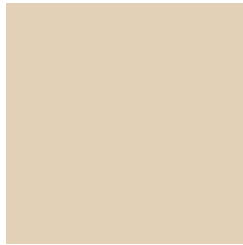
10.4691, 8.0002, 43.3756



0.8631, 0.7702, 3.2351

Previews

White Background



This preview shows how the XYZ color 63.0263, 65.3507, 54.0919 looks on a white background.

Color Contrast Check

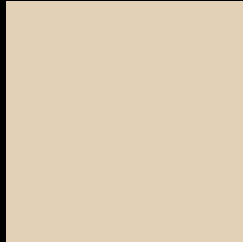
Large Text (above 18pt) WCAG AA × Fail

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 63.0263, 65.3507, 54.0919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

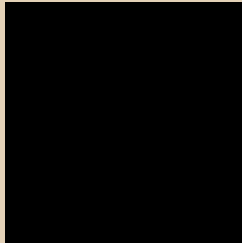
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

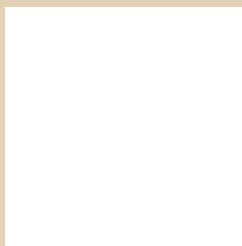
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0263, 65.3507, 54.0919

Background



This preview shows how black text looks on a background with the XYZ color 63.0263, 65.3507, 54.0919.



This preview shows how white text looks on a background with the XYZ color 63.0263, 65.3507,

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

63.0263, 65.3507, 54.0919

Protanopia

62.0702, 65.5788, 54.7339

Deuteranopia

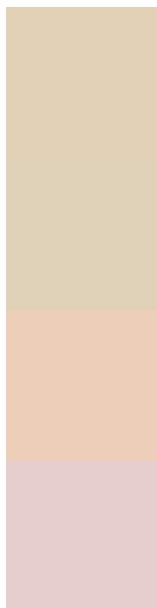
66.8625, 65.5237, 54.4707



Tritanopia

67.7898, 65.5088, 76.7817

Trichromacy



Original Color

63.0263, 65.3507, 54.0919

Protanomaly

62.4388, 65.4012, 54.6802

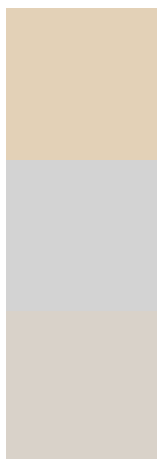
Deuteranomaly

65.6481, 65.6078, 54.5510

Tritanomaly

65.9669, 65.4706, 68.1917

Monochromacy



Original Color

63.0263, 65.3507, 54.0919

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.2045, 65.0619, 64.5380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0263, 65.3507, 54.0919 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(227, 209, 183)` looks like.

```
.text, #text, p{  
    color:rgb(227, 209, 183)  
}
```

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(227, 209, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 209, 183) }
```

Border

The CSS property to change the border of an element to XYZ 63.0263, 65.3507, 54.0919 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(227, 209, 183) }
```


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

```
.border{ border-color:rgb(227, 209, 183) }
```

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

Here you see how a box with a 4 pixel rgb(227, 209, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 209, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 209, 183);  
box-shadow:4px 4px 4px 4px rgb(227, 209,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0263, 65.3507, 54.0919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 209, 183) }
```

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

```
.background{ background-color: rgb(227,  
209, 183) }
```

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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