

Converting Colors

XYZ(63.6470, 64.3058, 53.1658)

Have a look what the booklet for
XYZ(63.6470, 64.3058, 53.1658)
contains.

XYZ(63.5535, 64.1958, 53.2974)	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(63.5535, 64.1958,
53.2974)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CDB6
RGB	232, 205, 182
RGB Percent	91%, 80%, 71%
CMY	0.0902, 0.1961, 0.2863
CMYK	0.00, 0.12, 0.22, 0.09
HSL	28°, 52%, 81%
HSV	28°, 22%, 91%
XYZ	63.5535, 64.1958, 53.2974
YIQ	210.4510, 23.4750, -1.4290

Conversions

Conversions Part 2

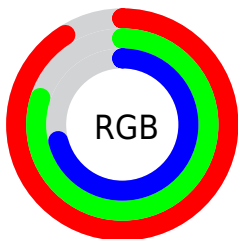
Format	Color
R _Y B	232, 225, 182
Decimal	15257014
CIE Lab	84.07, 5.90, 14.91
CIE LCh	84, 16.034, 68.418
Yxy	64.1958, 0.3510, 0.3546
Android (android.graphics.Color)	4293447094 (0xFFE8CDB6)
YUV	210.4510, -14.0263, 18.8985
Hunter-Lab	80.1223, 1.3733, 16.6458

Details

The XYZ color **63.5535, 64.1958, 53.2974** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.6570, 61.3707, 85.2039**, and the grayscale version is **61.6349, 64.8448, 70.6159**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **32.9336, 32.9483, 25.3928** is the 20% darker color. If you saturate the color by 10%, you get **58.4748, 57.5625, 40.7394**, and if you desaturate by 10%, it is **69.2728, 71.4736, 68.0301**.

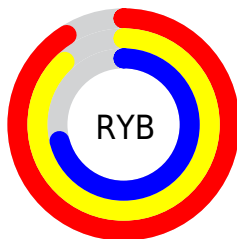
Distribution



Red (91%)

Green (80%)

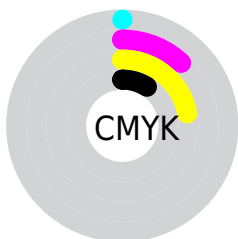
Blue (71%)



Red (91%)

Yellow (88%)

Blue (71%)

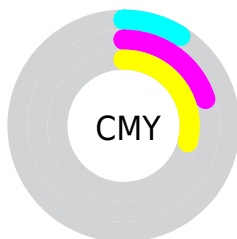


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (9%)



Cyan (9%)


Magenta (20%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5535, 64.1958, 53.2974 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 63.5535, 64.1958, 53.2974 by changing the saturation by 10% instead.


 63.5535, 64.1958,
53.2974

 63.5535, 64.1958,
53.2974


427.2033,
439.8964, 416.5237

 46.5495, 46.8093,
37.6509


 109.0450,
110.8929, 96.4878

 32.8861, 32.8849,
25.4121


138.2631,
140.9722, 124.8688

 22.1980, 22.0383,
16.1626


172.2834,
176.0513, 158.3317

 14.1199, 13.8850,
9.4837

211.4711,
216.5145, 197.2951

 8.2864, 8.0408,
4.9569

256.1915,
262.7462, 242.1774

 4.3321, 4.1210,
2.1637

306.8102,

 1.8917, 1.7415,

315.1308, 293.3972

0.6533

363.6923,
374.0527, 351.3732

■ 0.5720, 0.4503,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5535, 64.1958,
53.2974

■ 63.5535, 64.1958,
53.2974

■ 58.4748, 57.5625,
40.7394

■ 69.2728, 71.4736,
68.0301

■ 54.0065, 51.5460,
30.2473

■ 75.6511, 79.4053,
85.0311

■ 50.1231, 46.1292,
21.7088

■ 82.7126, 88.0111,
104.3934

■ 46.7955, 41.2906,
14.9991

■ 87.0889, 95.8959,
108.5274

■ 43.9913, 37.0073,
9.9790

■ 41.6740, 33.2543,
6.4887

■ 39.8007, 30.0032,
4.3368

■ 38.5096, 27.6174,
3.3010

Harmonies

Analogous

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



66.5044, 64.1958, 58.4743



63.5535, 64.1958, 53.2974



60.0254, 64.1958, 52.3382

Triad

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



63.5535, 64.1958, 53.2974



54.5293, 64.1958, 72.7904



65.3430, 64.1958, 86.3059

Complementary

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



63.5535, 64.1958, 53.2974



56.6570, 61.3707, 85.2039

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.



62.0178, 64.1958, 91.0031



63.5535, 64.1958, 53.2974



55.8385, 64.1958, 82.7210

Square

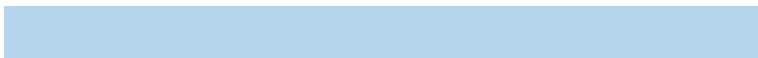
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.5535, 64.1958, 53.2974



54.9048, 64.1958, 62.9723



58.5473, 64.1958, 89.6314



67.5651, 64.1958, 77.3144

Rectangle

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



63.5535, 64.1958, 53.2974



57.8347, 64.1958, 54.1214



58.5473, 64.1958, 89.6314



64.3122, 64.1958, 88.4771

Sweetspot

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



63.5552, 64.1987, 53.2987



90.1048, 93.8957, 95.5793



61.5779, 55.2408, 68.0644



19.1748, 19.9592, 20.1611



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.



63.5552, 64.1987, 53.2987



75.7775, 75.6907, 58.5894



69.8806, 76.8494, 55.4072



14.9206, 15.4552, 15.1012



21.5019, 15.5779, 1.8736



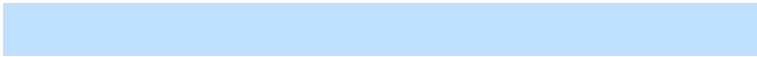
1.6809, 1.3352, 0.1691

Inverse Universe

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



56.6570, 61.3707, 85.2039



65.7511, 71.5788, 104.9584



51.1022, 50.2613, 83.3523



14.2242, 15.1698, 18.3227



12.3033, 11.6686, 43.9870



1.0019, 1.0477, 3.2814

Previews

White Background



This preview shows how the XYZ color 63.5535, 64.1958, 53.2974 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 63.5535, 64.1958, 53.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

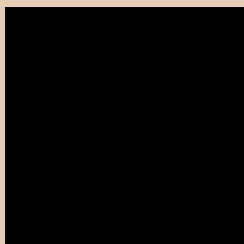
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5535, 64.1958, 53.2974

Background



This preview shows how black text looks on a background with the XYZ color 63.5535, 64.1958, 53.2974.



This preview shows how white text looks on a background with the XYZ color 63.5535, 64.1958,

53.2974.

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

63.5535, 64.1958, 53.2974

Protanopia

60.6656, 64.1217, 54.5267

Deuteranopia

65.6030, 64.1852, 53.7311



Tritanopia

67.6410, 64.0993, 73.7731

Trichromacy



Original Color

63.5535, 64.1958, 53.2974

Protanomaly

61.8436, 64.3779, 53.9664

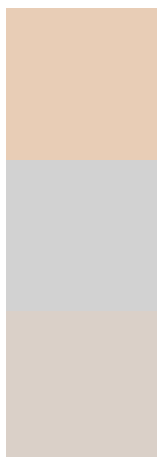
Deuteranomaly

64.8282, 64.1353, 53.7623

Tritanomaly

66.2806, 64.2629, 66.0374

Monochromacy



Original Color

63.5535, 64.1958, 53.2974

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.8946, 64.1873, 63.7708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5535, 64.1958, 53.2974 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(232, 205, 182)` looks like.

```
.text, #text, p{  
    color:rgb(232, 205, 182)  
}
```

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(232, 205, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 205, 182) }
```

Border

The CSS property to change the border of an element to XYZ 63.5535, 64.1958, 53.2974 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(232, 205, 182) }
```


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

```
.border{ border-color:rgb(232, 205, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 205, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 205, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 205, 182);  
box-shadow:4px 4px 4px 4px rgb(232, 205,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5535, 64.1958, 53.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 205, 182) }
```

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

```
.background{ background-color: rgb(232,  
205, 182) }
```

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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