

Converting Colors

XYZ(63.0262, 65.2734, 52.2810)

Have a look what the booklet for
XYZ(63.0262, 65.2734, 52.2810)
contains.

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Color

**XYZ(63.0336, 65.3902,
52.4794)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D1B4
RGB	228, 209, 180
RGB Percent	89%, 82%, 71%
CMY	0.1059, 0.1804, 0.2941
CMYK	0.00, 0.08, 0.21, 0.11
HSL	36°, 47%, 80%
HSV	36°, 21%, 89%
XYZ	63.0336, 65.3902, 52.4794
YIQ	211.3750, 20.6330, -4.9910

Conversions

Conversions Part 2

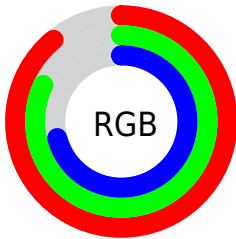
Format	Color
RYB	211, 228, 180
Decimal	14995892
CIELab	84.68, 2.04, 16.78
CIElCh	85, 16.908, 83.058
Yxy	65.3902, 0.3484, 0.3615
Android (android.graphics.Color)	4293185972 (0xFFE4D1B4)
YUV	211.3750, -15.4679, 14.5801
Hunter-Lab	80.8642, -2.3717, 18.1268

Details

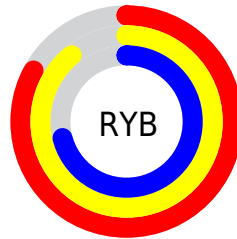
The XYZ color **63.0336, 65.3902, 52.4794** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.2491, 56.1503, 81.4307**, and the grayscale version is **62.2559, 65.4980, 71.3274**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **32.5654, 33.7457, 24.8759** is the 20% darker color. If you saturate the color by 10%, you get **58.7484, 60.2359, 40.5190**, and if you desaturate by 10%, it is **67.8298, 70.9540, 66.4966**.

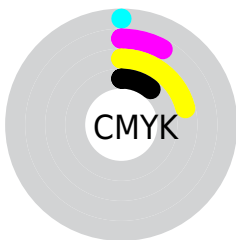
Distribution



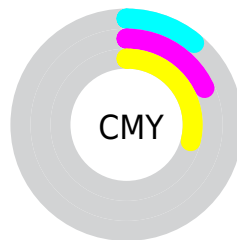
- Red (89%)
- Green (82%)
- Blue (71%)



- Red (83%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0336, 65.3902, 52.4794 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 63.0336, 65.3902, 52.4794 by changing the saturation by 10% instead.

 63.0336, 65.3902,
52.4794

 63.0336, 65.3902,
52.4794

425.3491,
444.1929, 413.2941

 46.1271, 47.7775,
37.0025


 108.2995,
112.6107, 95.2716

 32.5512, 33.6508,
24.9136


137.3897,
142.9873, 123.4240

 21.9405, 22.6254,
15.7943

171.2718,
178.3873, 156.6386

 13.9295, 14.3172,
9.2259

210.3113,
219.1952, 195.3340

 8.1530, 8.3416,
4.7900

254.8733,
265.7953, 239.9287

 4.2457, 4.3143,
2.0680

305.3235,

 1.8420, 1.8509,

318.5720, 290.8413

0.5966

362.0269,
377.9097, 348.4902

■ 0.5428, 0.5186,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0336, 65.3902,
52.4794

■ 63.0336, 65.3902,
52.4794

■ 58.7484, 60.2359,
40.5190

■ 67.8298, 70.9540,
66.4966

■ 54.9483, 55.4707,
30.5122

■ 73.1511, 76.9295,
82.6588

■ 51.6127, 51.0853,
22.3533

■ 79.0176, 83.3300,
101.0538

■ 48.7171, 47.0663,
15.9246

■ 82.7268, 89.0776,
107.4413

■ 46.2346, 43.3996,
11.0946

■ 85.5249, 94.6737,
108.3740

■ 44.1343, 40.0690,
7.7129

■ 85.8051, 95.2341,
108.4673

■ 42.3801, 37.0563,
5.5996

■ 41.0509, 34.6058,
4.5160

Harmonies

Analogous

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



66.6204, 65.3902, 55.8320



63.0336, 65.3902, 52.4794



59.3495, 65.3902, 53.7208

Triad

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



63.0336, 65.3902, 52.4794



55.7042, 65.3902, 79.6618



68.1400, 65.3902, 84.4487

Complementary

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



63.0336, 65.3902, 52.4794



53.2491, 56.1503, 81.4307

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.



65.0402, 65.3902, 92.1079



63.0336, 65.3902, 52.4794



57.8869, 65.3902, 89.1545

Square

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



63.0336, 65.3902, 52.4794



55.2157, 65.3902, 68.7137



61.2775, 65.3902, 93.9117



69.6449, 65.3902, 73.7432

Rectangle

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



63.0336, 65.3902, 52.4794



57.3226, 65.3902, 57.0539



61.2775, 65.3902, 93.9117



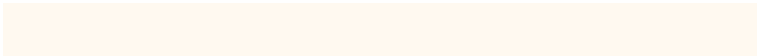
67.2441, 65.3902, 87.5073

Sweetspot

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



63.0353, 65.3931, 52.4808



90.7824, 95.2510, 95.8051



58.6489, 53.2702, 61.3465



19.3350, 20.2795, 20.2145



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.



63.0353, 65.3931, 52.4808



78.9049, 81.4993, 61.0068



66.4752, 74.5023, 54.0577



15.0979, 15.8097, 15.1603



23.8230, 20.2201, 2.6473



1.8505, 1.6743, 0.2256

Inverse Universe

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



53.2491, 56.1503, 81.4307



64.2774, 67.6859, 104.2847



50.2850, 48.5343, 80.1169



14.0484, 14.8183, 18.2641



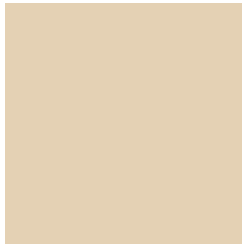
10.3165, 7.6952, 43.3247



0.8509, 0.7458, 3.2311

Previews

White Background



This preview shows how the XYZ color 63.0336, 65.3902, 52.4794 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 63.0336, 65.3902, 52.4794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

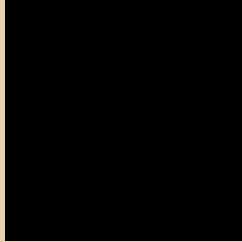
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0336, 65.3902, 52.4794

Background



This preview shows how black text looks on a background with the XYZ color 63.0336, 65.3902, 52.4794.



This preview shows how white text looks on a background with the XYZ color 63.0336, 65.3902,

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

63.0336, 65.3902, 52.4794

Protanopia

61.7590, 65.4543, 53.0950

Deuteranopia

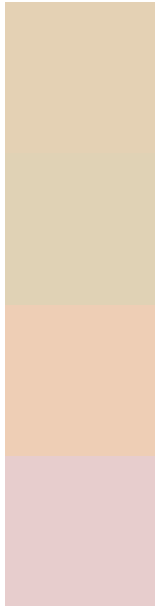
66.8955, 65.5766, 52.8478



Tritanopia

67.7464, 65.1500, 76.0224

Trichromacy



Original Color

63.0336, 65.3902, 52.4794

Protanomaly

62.1276, 65.2767, 53.0412

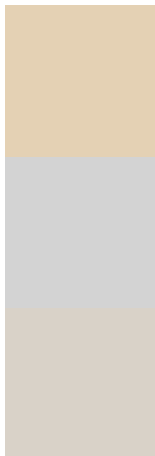
Deuteranomaly

65.6717, 65.6560, 52.9277

Tritanomaly

65.8058, 65.0593, 66.8470

Monochromacy



Original Color

63.0336, 65.3902, 52.4794

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.0872, 65.0150, 63.9204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0336, 65.3902, 52.4794 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(228, 209, 180)` looks like.

```
.text, #text, p{  
    color:rgb(228, 209, 180)  
}
```

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(228, 209, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 209, 180) }
```

Border

The CSS property to change the border of an element to XYZ 63.0336, 65.3902, 52.4794 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(228, 209, 180) }
```


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

```
.border{ border-color:rgb(228, 209, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 209, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 209, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 209, 180); box-shadow:4px 4px 4px 4px rgb(228, 209, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0336, 65.3902, 52.4794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 209, 180) }
```

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

```
.background{ background-color: rgb(228,  
209, 180) }
```

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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