

Converting Colors

XYZ(56.8307, 64.5205, 43.4514)

Have a look what the booklet for
XYZ(56.8307, 64.5205, 43.4514)
contains.

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Color

**XYZ(56.8345, 64.6194,
43.6597)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D7A2
RGB	208, 215, 162
RGB Percent	82%, 84%, 64%
CMY	0.1843, 0.1568, 0.3647
CMYK	0.03, 0.00, 0.25, 0.16
HSL	68°, 40%, 74%
HSV	68°, 25%, 84%
XYZ	56.8345, 64.6194, 43.6597
YIQ	206.8650, 12.8410, -17.9670

Conversions

Conversions Part 2

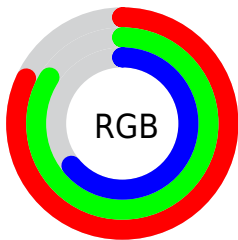
Format	Color
RYB	162, 215, 169
Decimal	13686690
CIELab	84.29, -11.03, 25.43
CIELCh	84, 27.719, 113.458
Yxy	64.6194, 0.3442, 0.3914
Android (android.graphics.Color)	4291876770 (0xFFD0D7A2)
YUV	206.8650, -22.1184, 0.9954
Hunter-Lab	80.3862, -14.4731, 24.0685

Details

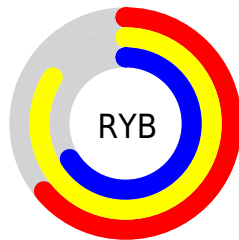
The XYZ color **56.8345, 64.6194, 43.6597** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.5507, 39.1836, 69.6668**, and the grayscale version is **59.3548, 62.4459, 68.0036**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **28.5221, 33.0397, 19.6259** is the 20% darker color. If you saturate the color by 10%, you get **54.2933, 63.5137, 34.4030**, and if you desaturate by 10%, it is **59.7202, 65.8690, 54.6408**.

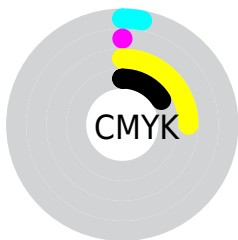
Distribution



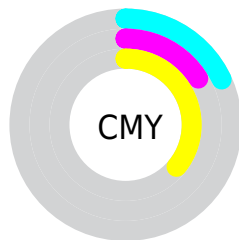
- Red (82%)
- Green (84%)
- Blue (64%)



- Red (64%)
- Yellow (84%)
- Blue (66%)



- Cyan (3%)
- Magenta (0%)
- Yellow (25%)
- Black (16%)





- Cyan (18%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8345, 64.6194, 43.6597 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 56.8345, 64.6194, 43.6597 by changing the saturation by 10% instead.


 56.8345, 64.6194,
43.6597


 56.8345, 64.6194,
43.6597


402.8531,
441.4230, 377.3184

 41.1120, 47.1525,
30.0678


 99.3564, 111.5025,
82.0024

 28.5947, 33.1563,
19.6376


 126.8865,
141.6875, 107.5904

 18.9171, 22.2462,
11.9504


159.0833,
176.8807, 138.0141

 11.7141, 14.0379,
6.5878

196.3119,
217.4664, 173.6922

 6.6201, 8.1470,
3.1312

238.9379,
263.8292, 215.0431

 3.2699, 4.1892,
1.1620

287.3265,

 1.2980, 1.7799,

316.3532, 262.4854

0.0000

341.8431,
375.4230, 316.4377

■ 0.1818, 0.4746,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8345, 64.6194,
43.6597

■ 56.8345, 64.6194,
43.6597

■ 54.2933, 63.5137,
34.4030

■ 59.7202, 65.8690,
54.6408

■ 52.0749, 62.5365,
26.7791

■ 62.9608, 67.2600,
67.4236

■ 50.1627, 61.6834,
20.6942

■ 66.5727, 68.8012,
82.0855

■ 48.5369, 60.9465,
16.0431

■ 70.5694, 70.4980,
98.6983

■ 47.1747, 60.3167,
12.7077

■ 72.5396, 71.3859,
104.5634

■ 46.0502, 59.7836,
10.5510

■ 73.4184, 71.8390,
104.6045

■ 45.1316, 59.3344,
9.4059

■ 74.3119, 72.2996,
104.6463

■ 44.6955, 59.1169,
9.0550

■ 75.2202, 72.7679,
104.6888

■ 76.1434, 73.2438,
104.7320

Harmonies

Analogous

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



62.7747, 64.6194, 41.8121



56.8345, 64.6194, 43.6597



52.4069, 64.6194, 52.0742

Triad

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



56.8345, 64.6194, 43.6597



54.6491, 64.6194, 101.1971



73.9206, 64.6194, 74.2855

Complementary

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



56.8345, 64.6194, 43.6597



41.5507, 39.1836, 69.6668

Split Complementary

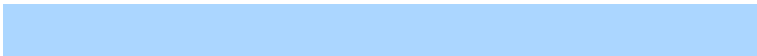
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.4087, 64.6194, 92.4910



56.8345, 64.6194, 43.6597



60.0825, 64.6194, 109.6150

Square

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



56.8345, 64.6194, 43.6597



51.2053, 64.6194, 84.7074



66.2432, 64.6194, 106.1890



72.9075, 64.6194, 57.7308

Rectangle

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



56.8345, 64.6194, 43.6597



50.7747, 64.6194, 61.1585



66.2432, 64.6194, 106.1890



73.4554, 64.6194, 80.4400

Sweetspot

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



56.8362, 64.6223, 43.6611



91.4454, 98.4585, 94.4204



48.5846, 45.1304, 40.3337



19.5093, 21.0468, 19.9564



0.0000, 0.0000, 0.0000



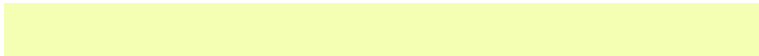
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8362, 64.6223, 43.6611



81.4641, 94.1472, 56.2618



50.1906, 61.1963, 43.3501



13.3039, 14.4329, 13.2453



26.7965, 35.3904, 5.4187



1.6621, 2.1582, 0.3290

Inverse Universe

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



41.5507, 39.1836, 69.6668



54.9596, 50.0291, 101.3676



47.6121, 42.3084, 69.9504



11.8937, 12.0866, 15.6436



7.6802, 3.1118, 38.6490



0.5142, 0.2140, 2.3335

Previews

White Background



This preview shows how the XYZ color 56.8345, 64.6194, 43.6597 looks on a white background.

Color Contrast Check

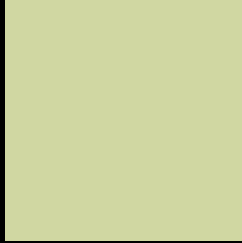
Large Text (above 18pt) WCAG AA × Fail

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 56.8345, 64.6194, 43.6597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

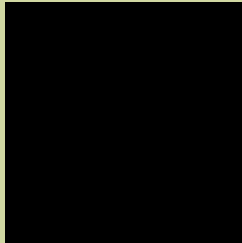
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8345, 64.6194, 43.6597

Background



This preview shows how black text looks on a background with the XYZ color 56.8345, 64.6194, 43.6597.



This preview shows how white text looks on a background with the XYZ color 56.8345, 64.6194,

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

56.8345, 64.6194, 43.6597

Protanopia

60.4431, 64.6388, 42.5485

Deuteranopia

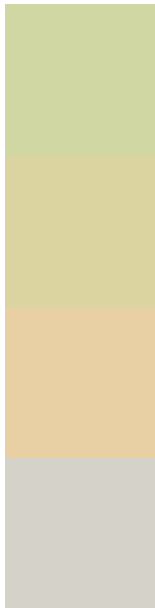
65.9181, 64.5505, 44.5825



Tritanopia

63.9510, 64.5523, 78.9013

Trichromacy



Original Color

56.8345, 64.6194, 43.6597

Protanomaly

59.1899, 64.7202, 43.0908

Deuteranomaly

62.2924, 64.4618, 44.2812

Tritanomaly

61.0298, 64.4564, 64.4830

Monochromacy



Original Color

56.8345, 64.6194, 43.6597

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.1827, 63.1202, 58.4071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8345, 64.6194, 43.6597 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(208, 215, 162)` looks like.

```
.text, #text, p{  
    color:rgb(208, 215, 162)  
}
```

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(208, 215, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 215, 162) }
```

Border

The CSS property to change the border of an element to XYZ 56.8345, 64.6194, 43.6597 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(208, 215, 162) }
```


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

```
.border{ border-color:rgb(208, 215, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 215, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 215, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 215, 162);  
box-shadow:4px 4px 4px 4px rgb(208, 215,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8345, 64.6194, 43.6597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 215, 162) }
```

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

```
.background{ background-color: rgb(208,  
215, 162) }
```

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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