

Converting Colors

XYZ(56.3326, 64.0466, 44.1376)

Have a look what the booklet for
XYZ(56.3326, 64.0466, 44.1376)
contains.

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Color

**XYZ(56.3896, 64.0029,
44.0321)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD6A3
RGB	207, 214, 163
RGB Percent	81%, 84%, 64%
CMY	0.1882, 0.1608, 0.3608
CMYK	0.03, 0.00, 0.24, 0.16
HSL	68°, 38%, 74%
HSV	68°, 24%, 84%
XYZ	56.3896, 64.0029, 44.0321
YIQ	206.0930, 12.1990, -17.3450

Conversions

Conversions Part 2

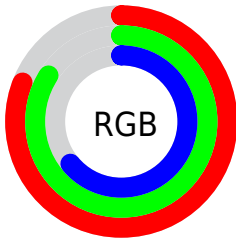
Format	Color
RYB	163, 214, 170
Decimal	13620899
CIELab	83.97, -10.76, 24.46
CIElCh	84, 26.719, 113.741
Yxy	64.0029, 0.3430, 0.3893
Android (android.graphics.Color)	4291810979 (0xFFCFD6A3)
YUV	206.0930, -21.2448, 0.7954
Hunter-Lab	80.0018, -14.1867, 23.3687

Details

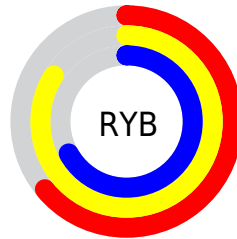
The XYZ color **56.3896, 64.0029, 44.0321** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8148, 39.5972, 69.0610**, and the grayscale version is **58.8535, 61.9185, 67.4292**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **28.2163, 32.6194, 19.8479** is the 20% darker color. If you saturate the color by 10%, you get **53.8192, 62.8829, 34.7356**, and if you desaturate by 10%, it is **59.3031, 65.2662, 55.0410**.

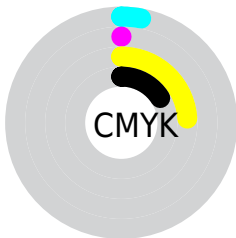
Distribution



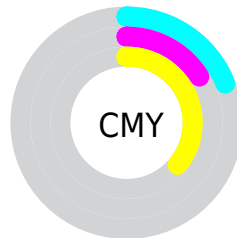
- Red (81%)
- Green (84%)
- Blue (64%)



- Red (64%)
- Yellow (84%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (16%)





- Cyan (19%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3896, 64.0029, 44.0321 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 56.3896, 64.0029, 44.0321 by changing the saturation by 10% instead.


 56.3896, 64.0029,
44.0321


 56.3896, 64.0029,
44.0321


401.2094,
439.2001, 378.8844

 40.7536, 46.6530,
30.3584


 98.7105, 110.6151,
82.5690

 28.3134, 32.7614,
19.8564


 126.1261,
140.6462, 108.2693

 18.7037, 21.9438,
12.1077


158.1990,
175.6732, 138.8155

 11.5591, 13.8156,
6.6936

195.2944,
216.0805, 174.6262

 6.5143, 7.9925,
3.1957

237.7778,
262.2524, 216.1199

 3.2038, 4.0902,
1.1954

286.0145,

 1.2625, 1.7241,

314.5734, 263.7151

0.0000

340.3699,
373.4278, 317.8305

■ 0.1548, 0.4392,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3896, 64.0029,
44.0321

■ 56.3896, 64.0029,
44.0321

■ 53.8192, 62.8829,
34.7356

■ 59.3031, 65.2662,
55.0410

■ 51.5706, 61.8913,
27.0614

■ 62.5700, 66.6705,
67.8380

■ 49.6276, 61.0236,
20.9175

■ 66.2063, 68.2243,
82.4996

■ 47.9705, 60.2720,
16.2008

■ 70.2255, 69.9331,
99.0963

■ 46.5773, 59.6277,
12.7957

■ 72.1291, 70.7975,
104.4714

■ 45.4226, 59.0805,
10.5687

■ 73.0357, 71.2648,
104.5138

■ 44.4754, 58.6181,
9.3578

■ 73.9579, 71.7403,
104.5570

■ 43.9626, 58.3622,
8.9480

■ 74.8961, 72.2239,
104.6009

■ 75.8501, 72.7157,
104.6455

Harmonies

Analogous

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



62.0750, 64.0029, 42.1814



56.3896, 64.0029, 44.0321



52.1564, 64.0029, 52.2238

Triad

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



56.3896, 64.0029, 44.0321



54.3823, 64.0029, 99.2246



72.7895, 64.0029, 73.2817

Complementary

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



56.3896, 64.0029, 44.0321



41.8148, 39.5972, 69.0610

Split Complementary

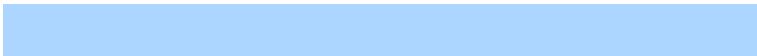
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.4217, 64.0029, 90.6676



56.3896, 64.0029, 44.0321



59.6074, 64.0029, 107.1240

Square

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



56.3896, 64.0029, 44.0321



51.0509, 64.0029, 83.5677



65.5036, 64.0029, 103.7641



71.7907, 64.0029, 57.4376

Rectangle

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



56.3896, 64.0029, 44.0321



50.6028, 64.0029, 61.0024



65.5036, 64.0029, 103.7641



72.3562, 64.0029, 79.1619

Sweetspot

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



56.3913, 64.0057, 44.0335



91.4118, 98.4412, 94.4188



48.6819, 45.6168, 40.8904



19.5015, 21.0428, 19.9561



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.



56.3913, 64.0057, 44.0335



81.7074, 94.2427, 57.6272



49.8803, 60.6492, 43.7288



13.2973, 14.4295, 13.2450



26.6365, 35.3080, 5.4112



1.6539, 2.1540, 0.3286

Inverse Universe

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



41.8148, 39.5972, 69.0610



56.1218, 51.3912, 101.5693



47.8202, 42.6931, 69.3421



11.8997, 12.0897, 15.6439



7.7005, 3.1222, 38.6499



0.5170, 0.2154, 2.3336

Previews

White Background



This preview shows how the XYZ color 56.3896, 64.0029, 44.0321 looks on a white background.

Color Contrast Check

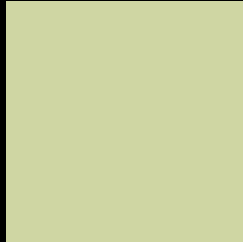
Large Text (above 18pt) WCAG AA × Fail

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 56.3896, 64.0029, 44.0321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

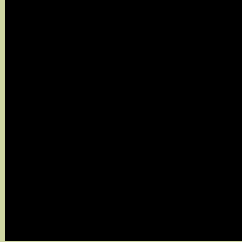
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

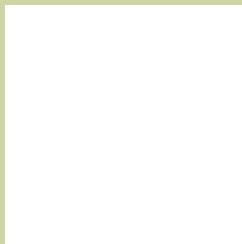
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3896, 64.0029, 44.0321

Background



This preview shows how black text looks on a background with the XYZ color 56.3896, 64.0029, 44.0321.



This preview shows how white text looks on a background with the XYZ color 56.3896, 64.0029,

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

56.3896, 64.0029, 44.0321

Protanopia

59.6649, 63.8621, 42.9002

Deuteranopia

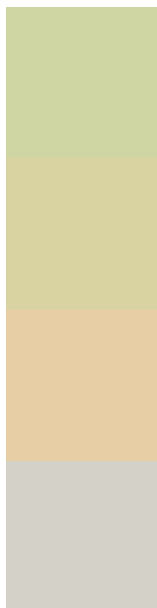
65.0778, 63.7596, 44.9532



Tritanopia

63.2805, 63.8636, 78.0989

Trichromacy



Original Color

56.3896, 64.0029, 44.0321

Protanomaly

58.4311, 63.9489, 43.4461

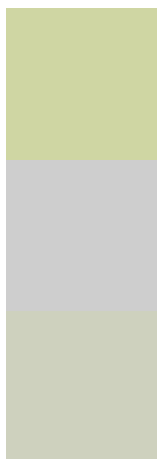
Deuteranomaly

61.8178, 63.8482, 44.6631

Tritanomaly

60.4945, 63.8150, 64.3875

Monochromacy



Original Color

56.3896, 64.0029, 44.0321

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.5483, 62.4404, 57.7343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3896, 64.0029, 44.0321 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(207, 214, 163)` looks like.

```
.text, #text, p{  
    color:rgb(207, 214, 163)  
}
```

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(207, 214, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 214, 163) }
```

Border

The CSS property to change the border of an element to XYZ 56.3896, 64.0029, 44.0321 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(207, 214, 163) }
```


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

```
.border{ border-color:rgb(207, 214, 163) }
```

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

Here you see how a box with a 4 pixel rgb(207, 214, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 214, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 214, 163);  
box-shadow:4px 4px 4px 4px rgb(207, 214,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3896, 64.0029, 44.0321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 214, 163) }
```

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

```
.background{ background-color: rgb(207,  
214, 163) }
```

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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