

Converting Colors

XYZ(52.8668, 56.4630, 44.3820)

Have a look what the booklet for
XYZ(52.8668, 56.4630, 44.3820)
contains.

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Color

**XYZ(52.8091, 56.4067,
44.1806)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC6A6
RGB	207, 198, 166
RGB Percent	81%, 78%, 65%
CMY	0.1882, 0.2235, 0.3490
CMYK	0.00, 0.04, 0.20, 0.19
HSL	47°, 30%, 73%
HSV	47°, 20%, 81%
XYZ	52.8091, 56.4067, 44.1806
YIQ	197.0430, 15.6360, -8.0440

Conversions

Conversions Part 2

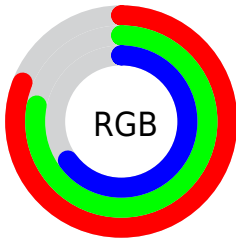
Format	Color
RYB	178, 207, 166
Decimal	13616806
CIELab	79.84, -2.07, 17.18
CIELCh	80, 17.309, 96.885
Yxy	56.4067, 0.3443, 0.3677
Android (android.graphics.Color)	4291806886 (0xFFCFC6A6)
YUV	197.0430, -15.3042, 8.7323
Hunter-Lab	75.1044, -5.9217, 17.6954

Details

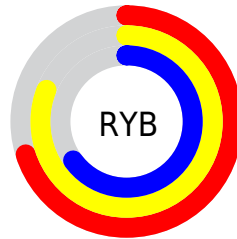
The XYZ color **52.8091, 56.4067, 44.1806** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.3181, 43.2709, 65.1535**, and the grayscale version is **53.1810, 55.9505, 60.9301**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **25.9594, 27.8368, 19.9244** is the 20% darker color. If you saturate the color by 10%, you get **50.0390, 53.6643, 34.6310**, and if you desaturate by 10%, it is **55.9190, 59.3387, 55.3527**.

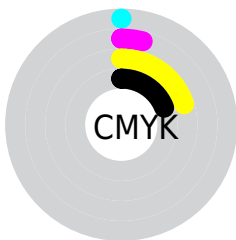
Distribution



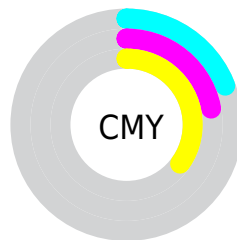
- Red (81%)
- Green (78%)
- Blue (65%)



- Red (70%)
- Yellow (81%)
- Blue (65%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (19%)





- Cyan (19%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8091, 56.4067, 44.1806 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 52.8091, 56.4067, 44.1806 by changing the saturation by 10% instead.


 52.8091, 56.4067,
44.1806

 52.8091, 56.4067,
44.1806


387.8251,
411.2224, 379.5077

 37.8773, 40.5291,
30.4743


 93.4906, 99.5990,
82.7948

 26.0642, 27.9513,
19.9438


 119.9709,
127.6824, 108.5398

 17.0046, 18.2890,
12.1705


151.0315,
160.6033, 139.1347

 10.3331, 11.1576,
6.7360

187.0377,
198.7459, 174.9981

 5.6843, 6.1730,
3.2216

228.3548,
242.4948, 216.5486

 2.6929, 2.9505,
1.2089

275.3481,

 0.9935, 1.1060,

292.2342, 264.2046

0.0000

328.3831,
348.3486, 318.3848

■ 0.0000, 0.0000,
0.0000

■ 52.8091, 56.4067,
44.1806

■ 52.8091, 56.4067,
44.1806

■ 50.0390, 53.6643,
34.6310

■ 55.9190, 59.3387,
55.3527

■ 47.5893, 51.0975,
26.6234

■ 59.3782, 62.4587,
68.2154

■ 45.4455, 48.7021,
20.0757

■ 63.2011, 65.7748,
82.8376

■ 43.5901, 46.4705,
14.8967

■ 67.4001, 69.2925,
99.2829

■ 42.0034, 44.3944,
10.9851

■ 69.5631, 72.0472,
104.8479

■ 40.6633, 42.4646,
8.2252

■ 70.7765, 74.4739,
105.2523

■ 39.5436, 40.6701,
6.4803

■ 72.0225, 76.9660,
105.6677

■ 38.5971, 38.9915,
5.5034

■ 73.3015, 79.5240,
106.0940

■ 38.5794, 38.9597,
5.4866

■ 74.6137, 82.1483,
106.5314

Harmonies

Analogous

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



56.3021, 56.4067, 45.3224



52.8091, 56.4067, 44.1806



49.6691, 56.4067, 47.2381

Triad

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



52.8091, 56.4067, 44.1806



48.4016, 56.4067, 73.7444



60.0525, 56.4067, 69.3096

Complementary

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



52.8091, 56.4067, 44.1806



42.3181, 43.2709, 65.1535

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.



57.7601, 56.4067, 78.1830



52.8091, 56.4067, 44.1806



51.0107, 56.4067, 80.9320

Square

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



52.8091, 56.4067, 44.1806



47.1972, 56.4067, 63.7600



54.4248, 56.4067, 82.6389



60.5852, 56.4067, 59.1327

Rectangle

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



52.8091, 56.4067, 44.1806



48.1644, 56.4067, 51.4656



54.4248, 56.4067, 82.6389



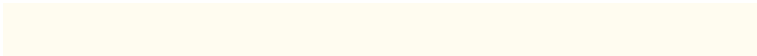
59.4575, 56.4067, 72.5757

Sweetspot

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



52.8106, 56.4092, 44.1818



91.6221, 96.9303, 96.0850



47.1625, 43.6560, 46.7912



19.5338, 20.6770, 20.2808



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.



52.8106, 56.4092, 44.1818



82.5802, 88.3961, 63.6310



51.9785, 59.1239, 44.7496



12.5742, 13.3391, 12.5240



24.3791, 24.6912, 3.4810



1.4189, 1.4922, 0.2132

Inverse Universe

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



42.3181, 43.2709, 65.1535



62.6148, 63.3988, 103.5448



43.0156, 41.1175, 64.7011



11.3710, 11.8323, 14.9282



7.7551, 4.1569, 37.5861



0.4939, 0.3530, 2.1217

Previews

White Background



This preview shows how the XYZ color 52.8091, 56.4067, 44.1806 looks on a white background.

Color Contrast Check

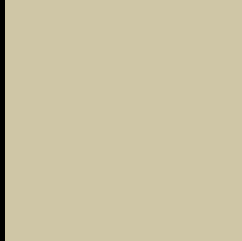
Large Text (above 18pt) WCAG AA × Fail

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 52.8091, 56.4067, 44.1806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

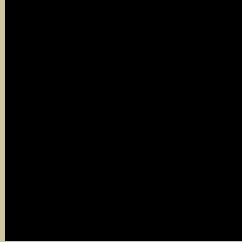
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8091, 56.4067, 44.1806

Background



This preview shows how black text looks on a background with the XYZ color 52.8091, 56.4067, 44.1806.

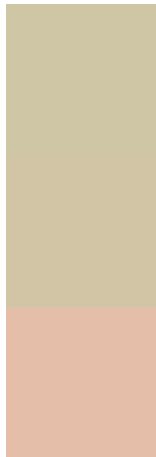


This preview shows how white text looks on a background with the XYZ color 52.8091, 56.4067,

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

52.8091, 56.4067, 44.1806

Protanopia

53.1437, 56.2410, 44.1310

Deuteranopia

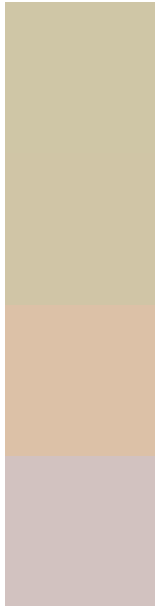
57.4762, 56.1480, 44.8541



Tritanopia

57.2635, 56.2013, 66.8613

Trichromacy



Original Color

52.8091, 56.4067, 44.1806

Protanomaly

52.8616, 56.0956, 44.1178

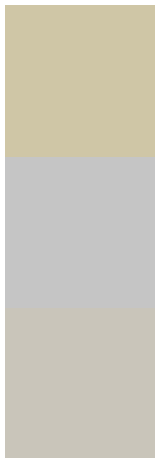
Deuteranomaly

55.5602, 56.1456, 44.4681

Tritanomaly

55.3846, 56.0910, 57.7767

Monochromacy



Original Color

52.8091, 56.4067, 44.1806

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9166, 55.8952, 54.4542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8091, 56.4067, 44.1806 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, 198, 166)` looks like.

```
.text, #text, p{  
    color:rgb(207, 198, 166)  
}
```

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, 198, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 198, 166) }
```

Border

The CSS property to change the border of an element to XYZ 52.8091, 56.4067, 44.1806 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, 198, 166) }
```


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

```
.border{ border-color:rgb(207, 198, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 198, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 198, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 198, 166);  
box-shadow:4px 4px 4px 4px rgb(207, 198,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8091, 56.4067, 44.1806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 198, 166) }
```

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

```
.background{ background-color: rgb(207,  
198, 166) }
```

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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