

Converting Colors

XYZ(55.0488, 59.6056, 46.1398)

Have a look what the booklet for
XYZ(55.0488, 59.6056, 46.1398)
contains.

XYZ(55.0488, 59.6056, 46.1398)	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(55.0488, 59.6056,
46.1398)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CCA9
RGB	209, 204, 169
RGB Percent	82%, 80%, 66%
CMY	0.1804, 0.2000, 0.3372
CMYK	0.00, 0.02, 0.19, 0.18
HSL	53°, 30%, 74%
HSV	53°, 19%, 82%
XYZ	55.0488, 59.6056, 46.1398
YIQ	201.5050, 14.2150, -9.8250

Conversions

Conversions Part 2

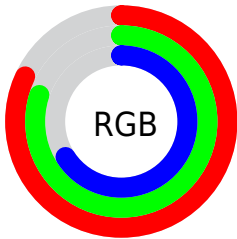
Format	Color
RYB	175, 209, 169
Decimal	13749417
CIELab	81.62, -4.01, 18.09
CIELCh	82, 18.533, 102.498
Yxy	59.6056, 0.3424, 0.3707
Android (android.graphics.Color)	4291939497 (0xFFD1CCA9)
YUV	201.5050, -16.0250, 6.5731
Hunter-Lab	77.2047, -7.8333, 18.6098

Details

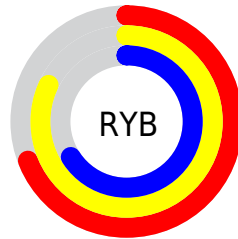
The XYZ color **55.0488, 59.6056, 46.1398** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.0068, 43.3097, 66.4149**, and the grayscale version is **55.9224, 58.8348, 64.0710**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **27.4437, 29.9671, 21.1674** is the 20% darker color. If you saturate the color by 10%, you get **52.6269, 57.6545, 36.4139**, and if you desaturate by 10%, it is **57.7980, 61.7083, 57.5236**.

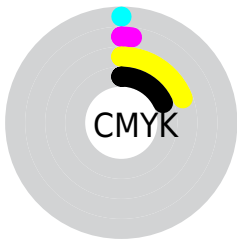
Distribution



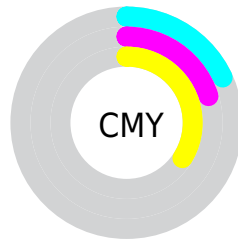
- Red (82%)
- Green (80%)
- Blue (66%)



- Red (69%)
- Yellow (82%)
- Blue (66%)



- Cyan (0%)
- Magenta (2%)
- Yellow (19%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0488, 59.6056, 46.1398 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 55.0488, 59.6056, 46.1398 by changing the saturation by 10% instead.

■ 55.0488, 59.6056,
46.1398

■ 55.0488, 59.6056,
46.1398

396.2303,
423.1425, 387.6643

■ 39.6748, 43.1008,
32.0067

■ 96.7604, 104.2573,
85.7647

■ 27.4682, 29.9642,
21.1017

123.8286,
133.1731, 112.0935

■ 18.0635, 19.8114,
13.0064

155.5257,
166.9946, 143.3247

■ 11.0956, 12.2581,
7.3022

192.2169,
206.1062, 179.8767

■ 6.1989, 6.9197,
3.5705

234.2676,
250.8925, 222.1681

■ 3.0082, 3.4119,
1.3928

282.0431,

■ 1.1581, 1.3504,

301.7377, 270.6175

0.1361

335.9089,
359.0262, 325.6434

■ 0.0729, 0.1797,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0488, 59.6056,
46.1398

■ 55.0488, 59.6056,
46.1398

■ 52.6269, 57.6545,
36.4139

■ 57.7980, 61.7083,
57.5236

■ 50.5126, 55.8409,
28.2637

■ 60.8836, 63.9603,
70.6346

■ 48.6913, 54.1610,
21.6059

■ 64.3203, 66.3696,
85.5427

■ 47.1454, 52.6077,
16.3477

■ 68.1205, 68.9411,
102.3131

■ 45.8553, 51.1730,
12.3862

■ 69.1720, 70.4300,
104.5563

■ 44.7987, 49.8479,
9.6042

■ 69.8504, 71.7868,
104.7825

■ 43.9493, 48.6219,
7.8636

■ 70.5394, 73.1649,
105.0122

■ 43.2636, 47.4774,
6.9355

■ 71.2392, 74.5645,
105.2454

■ 43.2073, 47.3807,
6.8681

■ 71.9498, 75.9857,
105.4823

Harmonies

Analogous

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



58.9344, 59.6056, 46.5267



55.0488, 59.6056, 46.1398



51.7454, 59.6056, 50.3427

Triad

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



55.0488, 59.6056, 46.1398



51.3116, 59.6056, 80.4871



64.0964, 59.6056, 71.5633

Complementary

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



55.0488, 59.6056, 46.1398



43.0068, 43.3097, 66.4149

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.



61.8622, 59.6056, 82.0244



55.0488, 59.6056, 46.1398



54.4319, 59.6056, 87.5679

Square

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



55.0488, 59.6056, 46.1398



49.6550, 59.6056, 69.6511



58.2887, 59.6056, 88.1607



64.2802, 59.6056, 60.3707

Rectangle

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



55.0488, 59.6056, 46.1398



50.2697, 59.6056, 55.4957



58.2887, 59.6056, 88.1607



63.5557, 59.6056, 75.3117

Sweetspot

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



55.0504, 59.6083, 46.1411



92.0771, 97.8404, 96.2367



48.1557, 45.0011, 46.3638



19.6416, 20.8927, 20.3167



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.



55.0504, 59.6083, 46.1411



84.7114, 92.1968, 65.7647



52.2963, 59.9795, 46.3579



12.6722, 13.5351, 12.5567



26.6899, 29.3128, 4.2512



1.5285, 1.7113, 0.2497

Inverse Universe

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



43.0068, 43.3097, 66.4149



62.4217, 62.0340, 103.2915



45.3847, 43.1295, 66.2548



11.2810, 11.6522, 14.8982



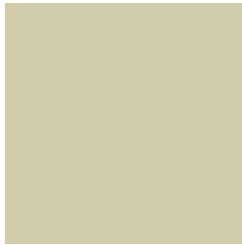
7.3644, 3.3754, 37.4559



0.4521, 0.2693, 2.1077

Previews

White Background



This preview shows how the XYZ color 55.0488, 59.6056, 46.1398 looks on a white background.

Color Contrast Check

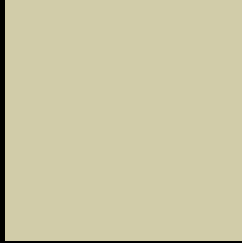
Large Text (above 18pt) WCAG AA × Fail

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 55.0488, 59.6056, 46.1398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

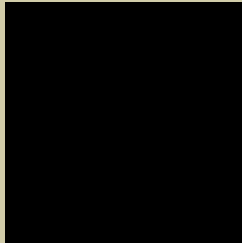
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

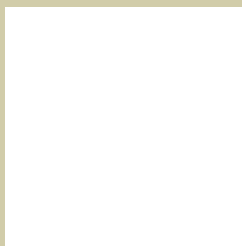
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0488, 59.6056, 46.1398

Background



This preview shows how black text looks on a background with the XYZ color 55.0488, 59.6056, 46.1398.



This preview shows how white text looks on a background with the XYZ color 55.0488, 59.6056,

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

55.0488, 59.6056, 46.1398

Protanopia

55.9200, 59.3644, 45.5570

Deuteranopia

60.7975, 59.4629, 46.8012



Tritanopia

60.2287, 59.6393, 71.2879

Trichromacy



Original Color

55.0488, 59.6056, 46.1398

Protanomaly

55.5752, 59.5361, 45.6083

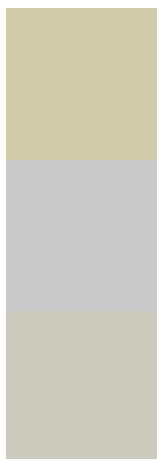
Deuteranomaly

58.5011, 59.2980, 46.3925

Tritanomaly

58.1729, 59.4859, 61.2392

Monochromacy



Original Color

55.0488, 59.6056, 46.1398

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.8270, 59.4087, 57.2398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0488, 59.6056, 46.1398 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(209, 204, 169)` looks like.

```
.text, #text, p{  
    color:rgb(209, 204, 169)  
}
```

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(209, 204, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 204, 169) }
```

Border

The CSS property to change the border of an element to XYZ 55.0488, 59.6056, 46.1398 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(209, 204, 169) }
```


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

```
.border{ border-color:rgb(209, 204, 169) }
```

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

Here you see how a box with a 4 pixel rgb(209, 204, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 204, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 204, 169);  
box-shadow:4px 4px 4px 4px rgb(209, 204,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0488, 59.6056, 46.1398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 204, 169) }
```

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

```
.background{ background-color: rgb(209,  
204, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor