

Converting Colors

XYZ(55.1296, 60.6608, 48.8475)

Have a look what the booklet for
XYZ(55.1296, 60.6608, 48.8475)
contains.

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Color

**XYZ(55.1296, 60.6608,
48.8475)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCFAE
RGB	205, 207, 174
RGB Percent	80%, 81%, 68%
CMY	0.1961, 0.1882, 0.3176
CMYK	0.01, 0.00, 0.16, 0.19
HSL	64°, 26%, 75%
HSV	64°, 16%, 81%
XYZ	55.1296, 60.6608, 48.8475
YIQ	202.6400, 9.4010, -10.6870

Conversions

Conversions Part 2

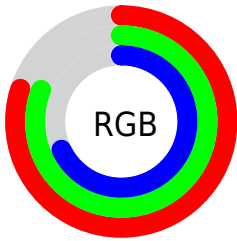
Format	Color
RYB	174, 207, 176
Decimal	13488046
CIELab	82.20, -6.28, 16.20
CIELCh	82, 17.371, 111.177
Yxy	60.6608, 0.3349, 0.3684
Android (android.graphics.Color)	4291678126 (0xFFCDCFAE)
YUV	202.6400, -14.1195, 2.0697
Hunter-Lab	77.8850, -9.9506, 17.3344

Details

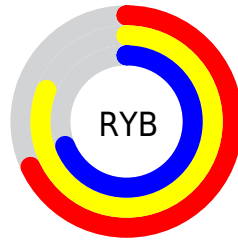
The XYZ color **55.1296, 60.6608, 48.8475** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.3055, 44.0089, 65.1943**, and the grayscale version is **56.6219, 59.5707, 64.8725**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **27.6666, 30.7669, 22.8928** is the 20% darker color. If you saturate the color by 10%, you get **52.9202, 59.7392, 39.0092**, and if you desaturate by 10%, it is **57.6561, 61.7137, 60.3266**.

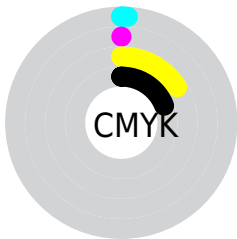
Distribution



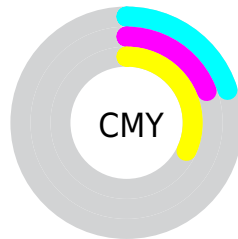
- Red (80%)
- Green (81%)
- Blue (68%)



- Red (68%)
- Yellow (81%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1296, 60.6608, 48.8475 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 55.1296, 60.6608, 48.8475 by changing the saturation by 10% instead.

■ 55.1296, 60.6608,
48.8475

■ 55.1296, 60.6608,
48.8475

396.5314,
427.0292, 398.7468

■ 39.7397, 43.9515,
34.1338

■ 96.8780, 105.7876,
89.8436

■ 27.5190, 30.6324,
22.7182

123.9673,
134.9740, 116.9630

■ 18.1020, 20.3191,
14.1822

155.6871,
169.0881, 149.0547

■ 11.1234, 12.6272,
8.1073

192.4028,
208.5143, 186.5373

■ 6.2178, 7.1723,
4.0749

234.4797,
253.6372, 229.8292

■ 3.0199, 3.5701,
1.6665

282.2832,

■ 1.1643, 1.4361,

304.8410, 279.3491

0.3377

336.1787,
362.5102, 335.5155

■ 0.0779, 0.2431,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1296, 60.6608,
48.8475

■ 55.1296, 60.6608,
48.8475

■ 52.9202, 59.7392,
39.0092

■ 57.6561, 61.7137,
60.3266

■ 51.0089, 58.9350,
30.7331

■ 60.5081, 62.8950,
73.5125

■ 49.3819, 58.2450,
23.9398

■ 63.6997, 64.2126,
88.4726

■ 48.0226, 57.6623,
18.5416

■ 66.9511, 65.5543,
103.7323

■ 46.9125, 57.1796,
14.4415

■ 67.3107, 65.7397,
103.7491

■ 46.0309, 56.7887,
11.5301

■ 67.6730, 65.9265,
103.7661

■ 45.3536, 56.4797,
9.6801

■ 68.0382, 66.1147,
103.7832

■ 44.8504, 56.2408,
8.7328

■ 68.4062, 66.3044,
103.8004

■ 44.6728, 56.1546,
8.4844

■ 68.7771, 66.4956,
103.8177

Harmonies

Analogous

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



58.7520, 60.6608, 47.9272



55.1296, 60.6608, 48.8475



52.3006, 60.6608, 54.1060

Triad

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



55.1296, 60.6608, 48.8475



53.3194, 60.6608, 83.1886



64.9595, 60.6608, 69.2169

Complementary

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



55.1296, 60.6608, 48.8475



44.3055, 44.0089, 65.1943

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.



63.3657, 60.6608, 79.6323



55.1296, 60.6608, 48.8475



56.5743, 60.6608, 88.2452

Square

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



55.1296, 60.6608, 48.8475



51.2869, 60.6608, 73.6694



60.2590, 60.6608, 86.8786



64.5323, 60.6608, 58.9736

Rectangle

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



55.1296, 60.6608, 48.8475



51.1947, 60.6608, 59.7045



60.2590, 60.6608, 86.8786



64.6399, 60.6608, 72.8284

Sweetspot

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



55.1312, 60.6635, 48.8488



92.7802, 99.0592, 98.4317



48.8309, 47.2366, 46.5892



19.7928, 21.1754, 20.7657



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.



55.1312, 60.6635, 48.8488



87.1330, 96.7091, 72.8178



50.9042, 58.4843, 48.6510



12.7296, 13.7595, 12.5970



28.1736, 35.3930, 5.3466



1.5973, 1.9903, 0.3000

Inverse Universe

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



44.3055, 44.0089, 65.1943



66.6882, 65.2553, 103.6884



48.1767, 46.0046, 65.3755



11.2292, 11.4515, 14.8622



7.2238, 2.9043, 37.3723



0.4278, 0.1747, 2.0907

Previews

White Background



This preview shows how the XYZ color 55.1296, 60.6608, 48.8475 looks on a white background.

Color Contrast Check

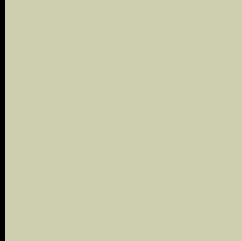
Large Text (above 18pt) WCAG AA × Fail

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 55.1296, 60.6608, 48.8475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

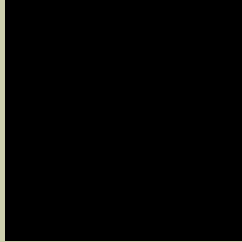
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

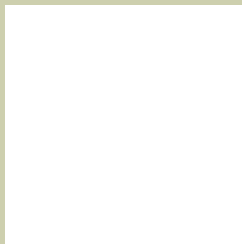
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1296, 60.6608, 48.8475

Background



This preview shows how black text looks on a background with the XYZ color 55.1296, 60.6608, 48.8475.



This preview shows how white text looks on a background with the XYZ color 55.1296, 60.6608,

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

55.1296, 60.6608, 48.8475

Protanopia

57.0636, 60.6114, 47.7213

Deuteranopia

61.7344, 60.5595, 49.5097



Tritanopia

60.2750, 60.6319, 74.1719

Trichromacy



Original Color

55.1296, 60.6608, 48.8475

Protanomaly

56.2381, 60.5287, 48.2543

Deuteranomaly

59.0559, 60.5564, 49.1334

Tritanomaly

58.1930, 60.4842, 63.8659

Monochromacy



Original Color

55.1296, 60.6608, 48.8475

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.0091, 59.8289, 58.4653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1296, 60.6608, 48.8475 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(205, 207, 174)` looks like.

```
.text, #text, p{  
    color:rgb(205, 207, 174)  
}
```

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(205, 207, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 207, 174) }
```

Border

The CSS property to change the border of an element to XYZ 55.1296, 60.6608, 48.8475 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(205, 207, 174) }
```


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

```
.border{ border-color:rgb(205, 207, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 207, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 207, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 207, 174);  
box-shadow:4px 4px 4px 4px rgb(205, 207,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1296, 60.6608, 48.8475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 207, 174) }
```

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

```
.background{ background-color: rgb(205,  
207, 174) }
```

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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