

Converting Colors

XYZ(23.5115, 25.9996, 25.6094)

Have a look what the booklet for
XYZ(23.5115, 25.9996, 25.6094)
contains.

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Color

**XYZ(23.5107, 25.9985,
25.6089)**

Conversions

Conversions Part 1

Format	Color
Hex	858E84
RGB	133, 142, 132
RGB Percent	52%, 56%, 52%
CMY	0.4784, 0.4431, 0.4823
CMYK	0.06, 0.00, 0.07, 0.44
HSL	114°, 4%, 54%
HSV	114°, 7%, 56%
XYZ	23.5107, 25.9985, 25.6089
YIQ	138.1690, -2.1540, -5.0180

Conversions

Conversions Part 2

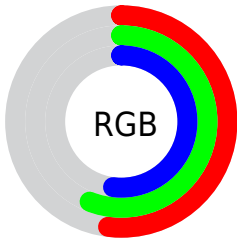
Format	Color
R_{YB}	132, 142, 141
Decimal	8752772
CIE _{Lab}	58.04, -5.25, 4.19
CIE _{LCh}	58, 6.721, 141.397
Yxy	25.9985, 0.3130, 0.3461
Android (android.graphics.Color)	4286942852 (0xFF858E84)
YUV	138.1690, -3.0413, -4.5332
Hunter-Lab	50.9887, -6.9246, 5.9139

Details

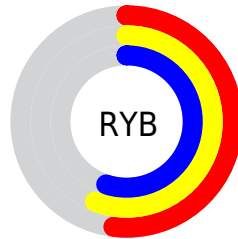
The XYZ color **23.5107, 25.9985, 25.6089** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.1194, 24.1190, 28.9768**, and the grayscale version is **24.2344, 25.4965, 27.7657**.

A 20% lighter version of the original color is **48.7466, 53.4217, 53.6411**, and **8.9558, 10.1178, 9.6645** is the 20% darker color. If you saturate the color by 10%, you get **20.7079, 24.6591, 20.7458**, and if you desaturate by 10%, it is **26.6929, 27.5197, 31.1814**.

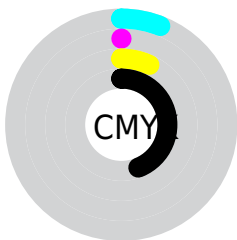
Distribution



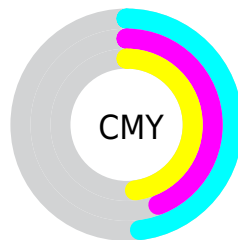
- Red (52%)
- Green (56%)
- Blue (52%)



- Red (52%)
- Yellow (56%)
- Blue (55%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (44%)



- Cyan (48%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5107, 25.9985, 25.6089 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 23.5107, 25.9985, 25.6089 by changing the saturation by 10% instead.

■ 23.5107, 25.9985,
25.6089

■ 23.5107, 25.9985,
25.6089

262.8239,
282.7747, 294.4010

■ 15.0938, 16.8225,
16.3081

■ 48.6911, 53.2725,
53.6196

■ 8.9720, 10.1080,
9.5858

■ 66.1852, 72.1394,
73.1667

■ 4.7799, 5.4706,
5.0232

■ 87.4359, 95.0053,
96.9663

■ 2.1521, 2.5260,
2.2019

112.8084,
122.2546, 125.4370

■ 0.7173, 0.8896,
0.6755

142.6681,
154.2719, 158.9972

■ 0.0000, 0.0000,
0.0000

177.3804,

191.4414, 198.0656

217.3105,
234.1475, 243.0607

■ 23.5107, 25.9985,
25.6089

■ 23.5107, 25.9985,
25.6089

■ 20.7079, 24.6591,
20.7458

■ 26.6929, 27.5197,
31.1814

■ 18.2681, 23.4914,
16.5620

■ 30.2656, 29.2256,
37.4883

■ 16.1772, 22.4896,
13.0278

■ 34.2422, 31.1233,
44.5556

■ 14.4191, 21.6460,
10.1106

■ 38.6349, 33.2186,
52.4074

■ 12.9767, 20.9526,
7.7751

■ 43.4553, 35.5169,
61.0669

■ 11.8309, 20.4004,
5.9822

■ 48.7144, 38.0235,
70.5561

■ 10.9611, 19.9797,
4.6883

■ 54.4232, 40.7435,
80.8964

■ 10.3435, 19.6794,
3.8429

■ 60.5918, 43.6818,
92.1083

■ 9.9454, 19.4845,
3.3573

■ 66.4470, 46.5298,
100.0867

Harmonies

Analogous

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



24.1456, 25.9985, 24.3457



23.5107, 25.9985, 25.6089



23.1991, 25.9985, 27.6444

Triad

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



23.5107, 25.9985, 25.6089



24.4780, 25.9985, 32.9630



26.1931, 25.9985, 26.7079

Complementary

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



23.5107, 25.9985, 25.6089



24.1194, 24.1190, 28.9768

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.



26.2868, 25.9985, 28.9821



23.5107, 25.9985, 25.6089



25.2847, 25.9985, 32.6784

Square

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



23.5107, 25.9985, 25.6089



23.7495, 25.9985, 31.9479



25.9510, 25.9985, 31.1903



25.6977, 25.9985, 24.9556

Rectangle

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



23.5107, 25.9985, 25.6089



23.2117, 25.9985, 29.2007



25.9510, 25.9985, 31.1903



26.2730, 25.9985, 27.4336

Sweetspot

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



23.5114, 25.9996, 25.6095



44.1795, 47.1461, 49.9132



24.8462, 26.4678, 25.6295



9.8846, 10.5383, 11.1780



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.5114, 25.9996, 25.6095



40.8704, 45.5647, 44.1336



23.6335, 26.0303, 27.0721



5.3898, 6.0536, 5.7738



8.8584, 17.4593, 2.9031



0.0926, 0.1710, 0.0281

Inverse Universe

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



24.1194, 24.1190, 28.9768



42.1041, 41.7484, 50.9670



23.9950, 24.0890, 27.4307



5.5739, 5.4840, 6.7935



12.3598, 5.8653, 23.4578



0.1281, 0.0612, 0.2247

Previews

White Background



This preview shows how the XYZ color 23.5107, 25.9985, 25.6089 looks on a white background.

Color Contrast Check

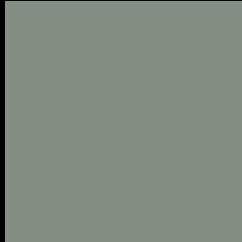
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5107, 25.9985, 25.6089 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 × Fail

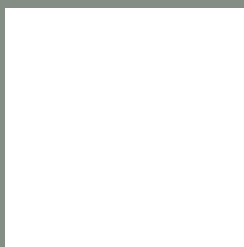
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5107, 25.9985, 25.6089

Background



This preview shows how black text looks on a background with the XYZ color 23.5107, 25.9985, 25.6089.



This preview shows how white text looks on a background with the XYZ color 23.5107, 25.9985,

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

23.5107, 25.9985, 25.6089

Protanopia

24.7635, 26.0062, 24.8336

Deuteranopia

26.4152, 25.9900, 25.8146



Tritanopia

24.8910, 25.9015, 32.5418

Trichromacy



Original Color

23.5107, 25.9985, 25.6089

Protanomaly

24.2900, 25.9703, 25.2053

Deuteranomaly

25.3547, 26.0735, 25.8866

Tritanomaly

24.3277, 25.8902, 29.7017

Monochromacy



Original Color

23.5107, 25.9985, 25.6089

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.8299, 25.4771, 26.9541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5107, 25.9985, 25.6089 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(133, 142, 132)` looks like.

```
.text, #text, p{  
    color:rgb(133, 142, 132)  
}
```

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(133, 142, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 142, 132) }
```

Border

The CSS property to change the border of an element to XYZ 23.5107, 25.9985, 25.6089 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(133, 142, 132) }
```


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

```
.border{ border-color:rgb(133, 142, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 142, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 142, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 142, 132);  
box-shadow:4px 4px 4px 4px rgb(133, 142,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5107, 25.9985, 25.6089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 142, 132) }
```

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

```
.background{ background-color: rgb(133,  
142, 132) }
```

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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