

Converting Colors

XYZ(22.3479, 23.0029, 25.3087)

Have a look what the booklet for
XYZ(22.3479, 23.0029, 25.3087)
contains.

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Color

**XYZ(22.5033, 23.1603,
25.4746)**

Conversions

Conversions Part 1

Format	Color
Hex	888385
RGB	136, 131, 133
RGB Percent	53%, 51%, 52%
CMY	0.4667, 0.4863, 0.4784
CMYK	0.00, 0.04, 0.02, 0.47
HSL	336°, 2%, 52%
HSV	336°, 4%, 53%
XYZ	22.5033, 23.1603, 25.4746
YIQ	132.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

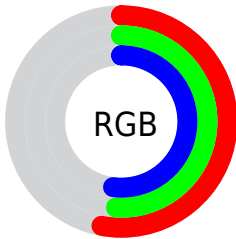
Format	Color
R_{YB}	136, 131, 133
Decimal	8946565
CIE Lab	55.24, 2.26, -0.42
CIE LCh	55, 2.300, 349.585
Yxy	23.1603, 0.3163, 0.3256
Android (android.graphics.Color)	4287136645 (0xFF888385)
YUV	132.7230, 0.1366, 2.8739
Hunter-Lab	48.1251, -0.7525, 2.3030

Details

The XYZ color **22.5033, 23.1603, 25.4746** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.4682, 24.1555, 26.0338**, and the grayscale version is **22.1931, 23.3489, 25.4270**.

A 20% lighter version of the original color is **46.9897, 48.6450, 53.3672**, and **8.4553, 8.6531, 9.6121** is the 20% darker color. If you saturate the color by 10%, you get **20.2531, 19.5276, 22.0491**, and if you desaturate by 10%, it is **25.0384, 27.2921, 29.2120**.

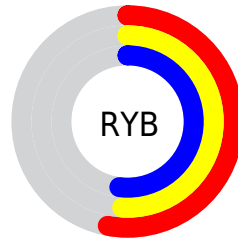
Distribution



Red (53%)

Green (51%)

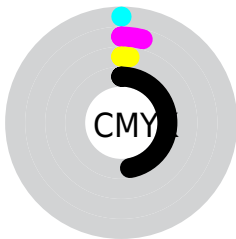
Blue (52%)



Red (53%)

Yellow (51%)

Blue (52%)

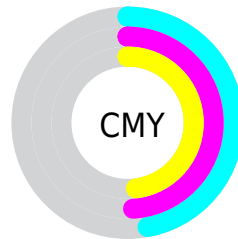


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (47%)



Cyan (47%)

Magenta (49%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5033, 23.1603, 25.4746 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 22.5033, 23.1603, 25.4746 by changing the saturation by 10% instead.

■ 22.5033, 23.1603,
25.4746

■ 22.5033, 23.1603,
25.4746

257.7467,
268.5473, 293.7163

■ 14.3459, 14.7119,
16.2088

■ 47.0491, 48.6564,
53.3998

■ 8.4449, 8.6175,
9.5161

■ 64.1682, 66.4729,
72.8962

■ 4.4351, 4.4925,
4.9779

■ 85.0053, 88.1809,
96.6398

■ 1.9511, 1.9527,
2.1758

109.9256,
114.1648, 125.0493

■ 0.6063, 0.5798,
0.6603

139.2945,
144.8090, 158.5432

■ 0.0000, 0.0000,
0.0000

173.4774,

180.4979, 197.5399

212.8397,
221.6158, 242.4581

■ 22.5033, 23.1603,
25.4746

■ 22.5033, 23.1603,
25.4746

■ 20.2531, 19.5276,
22.0491

■ 25.0384, 27.2921,
29.2120

■ 18.2757, 16.3720,
18.9256

■ 27.8663, 31.9380,
33.2678

■ 16.5607, 13.6745,
16.0961

■ 30.9968, 37.1159,
37.6502

■ 15.0966, 11.4134,
13.5513

■ 34.4387, 42.8421,
42.3664

■ 13.8708, 9.5655,
11.2816

■ 38.2005, 49.1320,
47.4238

■ 12.8696, 8.1051,
9.2767

■ 42.2904, 56.0007,
52.8291

■ 12.0777, 7.0039,
7.5256

■ 46.7162, 63.4624,
58.5891

■ 11.4781, 6.2295,
6.0162

■ 51.4855, 71.5311,
64.7104

■ 11.0499, 5.7423,
4.7350

■ 56.6055, 80.2200,
71.1992

Harmonies

Analogous

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



22.3920, 23.1603, 26.1473



22.5033, 23.1603, 25.4746



22.4825, 23.1603, 24.7457

Triad

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



22.5033, 23.1603, 25.4746



21.8478, 23.1603, 23.9063



21.6940, 23.1603, 26.3118

Complementary

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



22.5033, 23.1603, 25.4746



22.4682, 24.1555, 26.0338

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.



21.5504, 23.1603, 25.6955



22.5033, 23.1603, 25.4746



21.6387, 23.1603, 24.3102

Square

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



22.5033, 23.1603, 25.4746



22.1027, 23.1603, 23.8497



21.5302, 23.1603, 24.9624



21.9239, 23.1603, 26.6369

Rectangle

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



22.5033, 23.1603, 25.4746



22.3966, 23.1603, 24.3256



21.5302, 23.1603, 24.9624



21.6341, 23.1603, 26.1312

Sweetspot

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



22.5040, 23.1613, 25.4751



40.7935, 42.6610, 46.5871



22.3926, 23.0796, 26.5675



9.4542, 9.8910, 10.7993



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



22.5040, 23.1613, 25.4751



39.4848, 40.5355, 44.6344



22.4345, 23.2412, 24.7775



5.3640, 5.4899, 6.0531



10.2524, 5.2111, 3.8335



0.0750, 0.0374, 0.0618

Inverse Universe

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



22.5040, 23.1613, 25.4751



39.4848, 40.5355, 44.6344



22.5387, 24.0713, 26.7513



5.3640, 5.4899, 6.0531



10.2524, 5.2111, 3.8335



0.0750, 0.0374, 0.0618

Previews

White Background



This preview shows how the XYZ color 22.5033, 23.1603, 25.4746 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 22.5033, 23.1603, 25.4746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

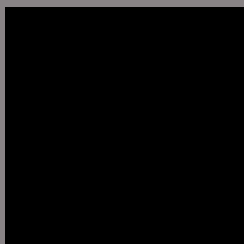
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

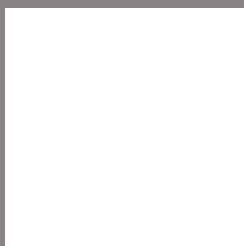
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5033, 23.1603, 25.4746

Background



This preview shows how black text looks on a background with the XYZ color 22.5033, 23.1603, 25.4746.



This preview shows how white text looks on a background with the XYZ color 22.5033, 23.1603,

25.4746.

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

22.5033, 23.1603, 25.4746

Protanopia

22.3164, 23.2643, 25.5046

Deuteranopia

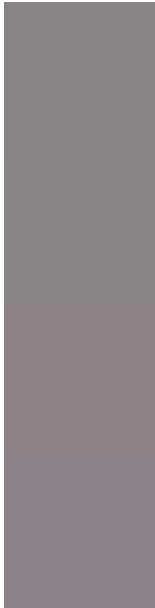
23.5238, 23.0889, 25.7710



Tritanopia

23.0328, 23.1771, 28.0706

Trichromacy



Original Color

22.5033, 23.1603, 25.4746

Protanomaly

22.4766, 23.3469, 25.5121

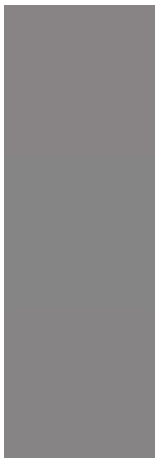
Deuteranomaly

23.1378, 23.0845, 25.7905

Tritanomaly

22.8145, 23.0898, 26.9212

Monochromacy



Original Color

22.5033, 23.1603, 25.4746

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.3164, 23.2643, 25.5046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5033, 23.1603, 25.4746 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(136, 131, 133)` looks like.

```
.text, #text, p{  
    color:rgb(136, 131, 133)  
}
```

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(136, 131, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 131, 133) }
```

Border

The CSS property to change the border of an element to XYZ 22.5033, 23.1603, 25.4746 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(136, 131, 133) }
```


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

```
.border{ border-color:rgb(136, 131, 133) }
```

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

Here you see how a box with a 4 pixel rgb(136, 131, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 131, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 131, 133);  
box-shadow:4px 4px 4px 4px rgb(136, 131,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5033, 23.1603, 25.4746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 131, 133) }
```

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

```
.background{ background-color: rgb(136,  
131, 133) }
```

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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