

Converting Colors

XYZ(23.0432, 25.6680, 19.6632)

Have a look what the booklet for
XYZ(23.0432, 25.6680, 19.6632)
contains.

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Color

**XYZ(23.0434, 25.6679,
19.6595)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8D72
RGB	138, 141, 114
RGB Percent	54%, 55%, 45%
CMY	0.4588, 0.4470, 0.5529
CMYK	0.02, 0.00, 0.19, 0.45
HSL	67°, 11%, 50%
HSV	67°, 19%, 55%
XYZ	23.0434, 25.6679, 19.6595
YIQ	137.0250, 6.8790, -9.0330

Conversions

Conversions Part 2

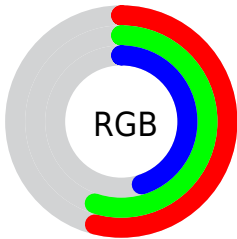
Format	Color
RYB	114, 141, 117
Decimal	9080178
CIELab	57.72, -5.99, 14.06
CIElCh	58, 15.285, 113.060
Yxy	25.6679, 0.3370, 0.3754
Android (android.graphics.Color)	4287270258 (0xFF8A8D72)
YUV	137.0250, -11.3513, 0.8551
Hunter-Lab	50.6635, -7.4735, 12.4575

Details

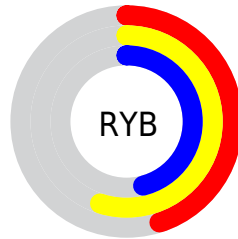
The XYZ color **23.0434, 25.6679, 19.6595** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.1621, 17.7403, 27.6676**, and the grayscale version is **23.8276, 25.0685, 27.2996**.

A 20% lighter version of the original color is **48.1363, 52.9899, 43.7674**, and **8.7490, 9.9502, 6.6137** is the 20% darker color. If you saturate the color by 10%, you get **22.0446, 25.2395, 15.7413**, and if you desaturate by 10%, it is **24.1710, 26.1500, 24.2307**.

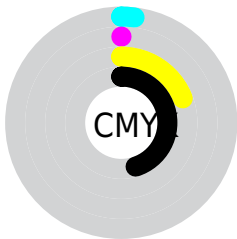
Distribution



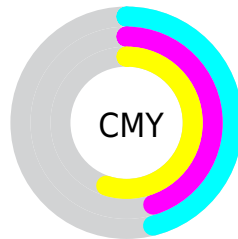
- Red (54%)
- Green (55%)
- Blue (45%)



- Red (45%)
- Yellow (55%)
- Blue (46%)



- Cyan (2%)
- Magenta (0%)
- Yellow (19%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0434, 25.6679, 19.6595 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 23.0434, 25.6679, 19.6595 by changing the saturation by 10% instead.

■ 23.0434, 25.6679,
19.6595

■ 23.0434, 25.6679,
19.6595

260.4790,
281.1480, 262.6088

■ 14.7464, 16.5754,
11.9662

■ 47.9307, 52.7387,
43.6970

■ 8.7268, 9.9322,
6.5984

■ 65.2518, 71.4857,
60.8783

■ 4.6191, 5.3540,
3.1376

■ 86.3116, 94.2198,
82.0592

■ 2.0580, 2.4564,
1.1653

■ 111.4754,
121.3251, 107.6585

■ 0.6662, 0.8547,
0.0000

141.1088,
153.1862, 138.0945

■ 0.0000, 0.0000,
0.0000

175.5769,

190.1875, 173.7859

215.2452,
232.7133, 215.1511

■ 23.0434, 25.6679,
19.6595

■ 23.0434, 25.6679,
19.6595

■ 22.0446, 25.2395,
15.7413

■ 24.1710, 26.1500,
24.2307

■ 21.1670, 24.8591,
12.4447

■ 25.4308, 26.6845,
29.4811

■ 20.4051, 24.5255,
9.7382

■ 26.8284, 27.2746,
35.4374

■ 19.7523, 24.2359,
7.5868

■ 28.3685, 27.9222,
42.1246

■ 19.2013, 23.9874,
5.9519

■ 30.0557, 28.6290,
49.5662

■ 18.7437, 23.7768,
4.7899

■ 31.8942, 29.3968,
57.7848

■ 18.3699, 23.6001,
4.0503

■ 33.8882, 30.2272,
66.8021

■ 18.0563, 23.4478,
3.6086

■ 36.0416, 31.1218,
76.6388

■ 18.0302, 23.4351,
3.5731

■ 38.3582, 32.0822,
87.3150

Harmonies

Analogous

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



24.8245, 25.6679, 19.0864



23.0434, 25.6679, 19.6595



21.6895, 25.6679, 22.3158

Triad

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



23.0434, 25.6679, 19.6595



22.3413, 25.6679, 36.8061



28.0609, 25.6679, 29.1841

Complementary

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



23.0434, 25.6679, 19.6595



18.1621, 17.7403, 27.6676

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.



27.3200, 25.6679, 34.4560



23.0434, 25.6679, 19.6595



23.9736, 25.6679, 39.1992

Square

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



23.0434, 25.6679, 19.6595



21.2985, 25.6679, 32.0862



25.8017, 25.6679, 38.2894



27.7813, 25.6679, 24.1818

Rectangle

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



23.0434, 25.6679, 19.6595



21.1813, 25.6679, 25.1119



25.8017, 25.6679, 38.2894



27.9218, 25.6679, 30.9900

Sweetspot

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



23.0441, 25.6690, 19.6600



43.9402, 47.1069, 46.1011



20.3490, 19.5311, 18.6174



9.7872, 10.5100, 10.1852



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.



23.0441, 25.6690, 19.6600



40.4612, 45.6215, 32.0180



20.9913, 24.6108, 19.5640



5.7813, 6.2554, 5.7921



16.4475, 21.3716, 3.2583



0.1681, 0.2099, 0.0317

Inverse Universe

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



18.1621, 17.7403, 27.6676



30.0558, 28.7208, 49.0874



20.0625, 18.7200, 27.7565



5.1819, 5.2819, 6.7752



4.5812, 1.8553, 23.0937



0.0526, 0.0223, 0.2212

Previews

White Background



This preview shows how the XYZ color 23.0434, 25.6679, 19.6595 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 23.0434, 25.6679, 19.6595 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 23.0434, 25.6679, 19.6595

Background



This preview shows how black text looks on a background with the XYZ color 23.0434, 25.6679, 19.6595.



This preview shows how white text looks on a background with the XYZ color 23.0434, 25.6679,

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

23.0434, 25.6679, 19.6595

Protanopia

24.1017, 25.5723, 19.2884

Deuteranopia

26.0371, 25.5096, 20.0745



Tritanopia

25.3983, 25.5545, 31.1976

Trichromacy



Original Color

23.0434, 25.6679, 19.6595

Protanomaly

23.7149, 25.5868, 19.3116

Deuteranomaly

24.8476, 25.5215, 19.8362

Tritanomaly

24.4462, 25.5889, 26.5724

Monochromacy



Original Color

23.0434, 25.6679, 19.6595

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.3675, 25.0803, 24.3783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0434, 25.6679, 19.6595 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(138, 141, 114)` looks like.

```
.text, #text, p{  
    color:rgb(138, 141, 114)  
}
```

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(138, 141, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 141, 114) }
```

Border

The CSS property to change the border of an element to XYZ 23.0434, 25.6679, 19.6595 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(138, 141, 114) }
```


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

```
.border{ border-color:rgb(138, 141, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 141, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 141, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 141, 114);  
box-shadow:4px 4px 4px 4px rgb(138, 141,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0434, 25.6679, 19.6595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 141, 114) }
```

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

```
.background{ background-color: rgb(138,  
141, 114) }
```

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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