

Converting Colors

XYZ(23.6019, 24.1190, 28.3199)

Have a look what the booklet for
XYZ(23.6019, 24.1190, 28.3199)
contains.

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Color

**XYZ(23.6024, 24.0718,
28.2133)**

Conversions

Conversions Part 1

Format	Color
Hex	8A858C
RGB	138, 133, 140
RGB Percent	54%, 52%, 55%
CMY	0.4588, 0.4784, 0.4510
CMYK	0.01, 0.05, 0.00, 0.45
HSL	283°, 3%, 54%
HSV	283°, 5%, 55%
XYZ	23.6024, 24.0718, 28.2133
YIQ	135.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

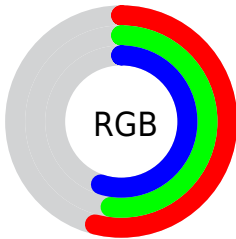
Format	Color
RYB	138, 133, 140
Decimal	9078156
CIELab	56.16, 3.24, -3.09
CIELCh	56, 4.480, 316.354
Yxy	24.0718, 0.3110, 0.3172
Android (android.graphics.Color)	4287268236 (0xFF8A858C)
YUV	135.2930, 2.3206, 2.3740
Hunter-Lab	49.0630, 0.0094, 0.2499

Details

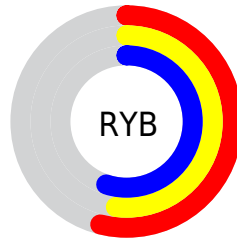
The XYZ color **23.6024, 24.0718, 28.2133** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.6043, 25.6012, 25.8890**, and the grayscale version is **23.1300, 24.3345, 26.5003**.

A 20% lighter version of the original color is **48.7824, 50.0892, 58.1360**, and **9.0403, 9.1535, 10.9632** is the 20% darker color. If you saturate the color by 10%, you get **21.1624, 20.1562, 27.5865**, and if you desaturate by 10%, it is **26.3237, 28.5130, 28.9275**.

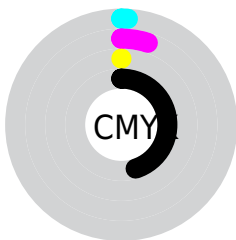
Distribution



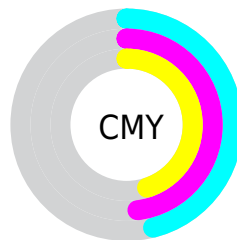
- Red (54%)
- Green (52%)
- Blue (55%)



- Red (54%)
- Yellow (52%)
- Blue (55%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (45%)



- Cyan (46%)
- Magenta (48%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6024, 24.0718, 28.2133 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 23.6024, 24.0718, 28.2133 by changing the saturation by 10% instead.

■ 23.6024, 24.0718,
28.2133

■ 23.6024, 24.0718,
28.2133

263.2821,
273.1833, 307.4287

■ 15.1621, 15.3869,
18.2461

■ 48.8400, 50.1473,
57.8520

■ 9.0203, 9.0914,
10.9555

■ 66.3680, 68.3068,
78.3605

■ 4.8116, 4.8008,
5.9231

■ 87.6559, 90.3931,
103.2200

■ 2.1708, 2.1309,
2.7304

113.0692,
116.7909, 132.8487

■ 0.7273, 0.6819,
0.9587

142.9730,
147.8844, 167.6655

■ 0.0000, 0.0000,
0.0000

177.7329,

184.0580, 208.0887

217.7141,
225.6962, 254.5369

■ 23.6024, 24.0718,
28.2133

■ 23.6024, 24.0718,
28.2133

■ 21.1624, 20.1562,
27.5865

■ 26.3237, 28.5130,
28.9275

■ 18.9913, 16.7430,
27.0421

■ 29.3339, 33.4958,
29.7306

■ 17.0788, 13.8116,
26.5771

■ 32.6430, 39.0394,
30.6262

■ 15.4132, 11.3389,
26.1876

■ 36.2598, 45.1610,
31.6172

■ 13.9818, 9.3000,
25.8695

■ 40.1926, 51.8771,
32.7062

■ 12.7706, 7.6673,
25.6182

■ 44.4497, 59.2036,
33.8960

■ 11.7642, 6.4102,
25.4286

■ 49.0388, 67.1557,
35.1891

■ 10.9446, 5.4935,
25.2948

■ 53.9675, 75.7482,
36.5878

■ 10.2879, 4.8696,
25.2090

■ 57.9522, 82.4137,
37.6643

Harmonies

Analogous

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



23.1590, 24.0718, 29.0219



23.6024, 24.0718, 28.2133



23.8538, 24.0718, 26.8838

Triad

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



23.6024, 24.0718, 28.2133



23.1136, 24.0718, 23.5538



21.9439, 24.0718, 27.0154

Complementary

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



23.6024, 24.0718, 28.2133



23.6043, 25.6012, 25.8890

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.



21.9322, 24.0718, 25.5478



23.6024, 24.0718, 28.2133



22.6023, 24.0718, 23.5861

Square

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



23.6024, 24.0718, 28.2133



23.5687, 24.0718, 24.2142



22.1716, 24.0718, 24.3040



22.2039, 24.0718, 28.3128

Rectangle

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



23.6024, 24.0718, 28.2133



23.8762, 24.0718, 25.8980



22.1716, 24.0718, 24.3040



21.9110, 24.0718, 26.5247

Sweetspot

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



23.6031, 24.0728, 28.2138



43.4604, 45.4419, 50.2235



23.0854, 24.2369, 28.2728



10.0216, 10.4828, 11.5746



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.



23.6031, 24.0728, 28.2138



41.1030, 41.6164, 49.6094



23.8345, 24.2040, 27.6893



5.2519, 5.3081, 6.3536



8.8944, 4.0994, 22.3682



0.0735, 0.0347, 0.1493

Inverse Universe

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



23.5768, 24.1009, 26.3322



41.0487, 41.6779, 45.5645



23.3829, 25.4758, 26.3868



5.2447, 5.3164, 5.8129



9.9580, 5.0933, 2.2834



0.0718, 0.0361, 0.0450

Previews

White Background



This preview shows how the XYZ color 23.6024, 24.0718, 28.2133 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 23.6024, 24.0718, 28.2133 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

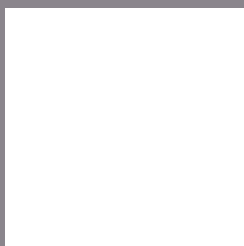
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6024, 24.0718, 28.2133

Background



This preview shows how black text looks on a background with the XYZ color 23.6024, 24.0718, 28.2133.



This preview shows how white text looks on a background with the XYZ color 23.6024, 24.0718,

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

23.6024, 24.0718, 28.2133

Protanopia

23.2504, 24.0945, 28.2362

Deuteranopia

24.5270, 24.1458, 28.1788



Tritanopia

23.8267, 24.1615, 29.3944

Trichromacy

**Original Color**

23.6024, 24.0718, 28.2133

Protanomaly

23.4121, 24.1779, 28.2438

Deuteranomaly

24.1402, 24.1468, 28.1994

Tritanomaly

23.7512, 24.1313, 28.9972

Monochromacy

**Original Color**

23.6024, 24.0718, 28.2133

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.1938, 24.0906, 27.0944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6024, 24.0718, 28.2133 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, 133, 140)` looks like.

```
.text, #text, p{  
    color:rgb(138, 133, 140)  
}
```

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, 133, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 133, 140) }
```

Border

The CSS property to change the border of an element to XYZ 23.6024, 24.0718, 28.2133 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, 133, 140) }
```


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

```
.border{ border-color:rgb(138, 133, 140) }
```

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

Here you see how a box with a 4 pixel rgb(138, 133, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 133, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 133, 140);  
box-shadow:4px 4px 4px 4px rgb(138, 133,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6024, 24.0718, 28.2133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 133, 140) }
```

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

```
.background{ background-color: rgb(138,  
133, 140) }
```

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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