

Converting Colors

XYZ(23.0730, 25.0273, 29.1444)

Have a look what the booklet for
XYZ(23.0730, 25.0273, 29.1444)
contains.

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Color

**XYZ(23.0172, 25.0074,
29.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	808B8E
RGB	128, 139, 142
RGB Percent	50%, 55%, 56%
CMY	0.4980, 0.4549, 0.4431
CMYK	0.10, 0.02, 0.00, 0.44
HSL	193°, 6%, 53%
HSV	193°, 10%, 56%
XYZ	23.0172, 25.0074, 29.2050
YIQ	136.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

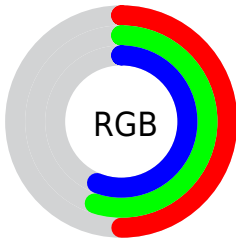
Format	Color
R_{YB}	128, 134, 142
Decimal	8424334
CIE _{Lab}	57.08, -3.36, -2.98
CIE _{LCh}	57, 4.486, 221.580
Yxy	25.0074, 0.2980, 0.3238
Android (android.graphics.Color)	4286614414 (0xFF808B8E)
YUV	136.0530, 2.9319, -7.0625
Hunter-Lab	50.0074, -5.3537, 0.3790

Details

The XYZ color **23.0172, 25.0074, 29.2050** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.1681, 23.5419, 23.7455**, and the grayscale version is **23.4135, 24.6329, 26.8252**.

A 20% lighter version of the original color is **47.8695, 51.5086, 59.6437**, and **8.7286, 9.5797, 11.5142** is the 20% darker color. If you saturate the color by 10%, you get **20.5950, 23.1148, 28.9677**, and if you desaturate by 10%, it is **25.7520, 27.0807, 29.4614**.

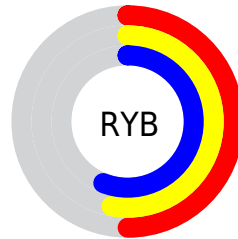
Distribution



Red (50%)

Green (55%)

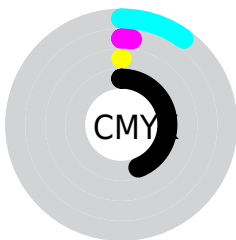
Blue (56%)



Red (50%)

Yellow (53%)

Blue (56%)

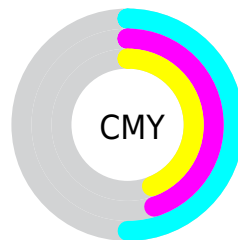


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (44%)



Cyan (50%)

Magenta (45%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0172, 25.0074, 29.2050 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 23.0172, 25.0074, 29.2050 by changing the saturation by 10% instead.

■ 23.0172, 25.0074,
29.2050

■ 23.0172, 25.0074,
29.2050

260.3470,
277.8748, 312.2721

■ 14.7270, 16.0826,
18.9890

■ 47.8880, 51.6692,
59.4487

■ 8.7131, 9.5826,
11.4856

■ 65.1993, 70.1750,
80.3135

■ 4.6101, 5.1231,
6.2762

■ 86.2484, 92.6432,
105.5650

■ 2.0527, 2.3197,
2.9423

111.4005,
119.4583, 135.6218

■ 0.6633, 0.7841,
1.0652

141.0211,
151.0046, 170.9024

■ 0.0000, 0.0000,
0.0000

175.4754,

187.6665, 211.8252

215.1290,
229.8284, 258.8090

■ 23.0172, 25.0074,
29.2050

■ 23.0172, 25.0074,
29.2050

■ 20.5950, 23.1148,
28.9677

■ 25.7520, 27.0807,
29.4614

■ 18.4708, 21.3931,
28.7474

■ 28.8091, 29.3378,
29.7360

■ 16.6321, 19.8366,
28.5438

■ 32.2002, 31.7856,
30.0297

■ 15.0645, 18.4375,
28.3564

■ 35.9358, 34.4296,
30.3432

■ 13.7524, 17.1877,
28.1843

■ 40.0262, 37.2753,
30.6769

■ 12.6784, 16.0782,
28.0268

■ 44.4809, 40.3276,
31.0312

■ 11.8231, 15.0986,
27.8828

■ 49.3092, 43.5916,
31.4068

■ 11.1637, 14.2372,
27.7513

■ 54.5201, 47.0719,
31.8039

■ 10.6390, 13.4622,
27.6293

■ 59.8264, 50.6208,
32.2092

Harmonies

Analogous

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



22.7877, 25.0074, 27.8168



23.0172, 25.0074, 29.2050



23.4493, 25.0074, 30.0825

Triad

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



23.0172, 25.0074, 29.2050



24.7454, 25.0074, 28.1582



23.5655, 25.0074, 24.4778

Complementary

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



23.0172, 25.0074, 29.2050



23.1681, 23.5419, 23.7455

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.



24.0911, 25.0074, 24.5616



23.0172, 25.0074, 29.2050



24.7776, 25.0074, 26.6491

Square

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



23.0172, 25.0074, 29.2050



24.4492, 25.0074, 29.4628



24.5366, 25.0074, 25.3438



23.1012, 25.0074, 25.1107

Rectangle

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



23.0172, 25.0074, 29.2050



23.7968, 25.0074, 30.2408



24.5366, 25.0074, 25.3438



23.7408, 25.0074, 24.4237

Sweetspot

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



23.0179, 25.0085, 29.2056



43.8053, 46.5482, 51.8038



22.6587, 25.5689, 25.1432



9.7019, 10.3347, 11.5629



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.



23.0179, 25.0085, 29.2056



39.5190, 43.2730, 51.3975



22.0634, 23.0995, 28.8874



5.4636, 5.9230, 6.8841



9.5592, 12.1044, 24.8096



0.1072, 0.1473, 0.2425

Inverse Universe

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



23.5353, 23.0537, 27.6366



40.6406, 39.0796, 47.9863



24.1119, 25.4294, 24.0601



5.5775, 5.4915, 6.5390



12.6282, 6.2083, 14.2251



0.1287, 0.0625, 0.1779

Previews

White Background



This preview shows how the XYZ color 23.0172, 25.0074, 29.2050 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 23.0172, 25.0074, 29.2050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

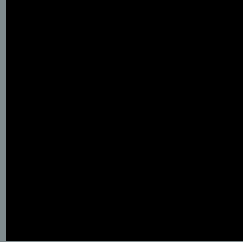
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

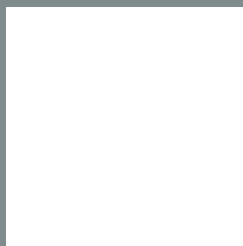
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0172, 25.0074, 29.2050

Background



This preview shows how black text looks on a background with the XYZ color 23.0172, 25.0074, 29.2050.



This preview shows how white text looks on a background with the XYZ color 23.0172, 25.0074,

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

23.0172, 25.0074, 29.2050

Protanopia

24.0190, 24.9050, 28.3522

Deuteranopia

25.3781, 24.9613, 29.4670



Tritanopia

23.5666, 25.0140, 32.0199

Trichromacy



Original Color

23.0172, 25.0074, 29.2050

Protanomaly

23.5849, 24.8827, 28.7591

Deuteranomaly

24.4371, 24.8866, 29.5022

Tritanomaly

23.3300, 24.9194, 30.7744

Monochromacy



Original Color

23.0172, 25.0074, 29.2050

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.2060, 24.7128, 27.5917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0172, 25.0074, 29.2050 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(128, 139, 142)` looks like.

```
.text, #text, p{  
    color:rgb(128, 139, 142)  
}
```

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(128, 139, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 139, 142) }
```

Border

The CSS property to change the border of an element to XYZ 23.0172, 25.0074, 29.2050 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(128, 139, 142) }
```


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

```
.border{ border-color:rgb(128, 139, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 139, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 139, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 139, 142);  
box-shadow:4px 4px 4px 4px rgb(128, 139,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0172, 25.0074, 29.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 139, 142) }
```

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

```
.background{ background-color: rgb(128,  
139, 142) }
```

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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