

Converting Colors

XYZ(23.2338, 25.2277, 29.5521)

Have a look what the booklet for
XYZ(23.2338, 25.2277, 29.5521)
contains.

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Color

**XYZ(23.3893, 25.4065,
29.6578)**

Conversions

Conversions Part 1

Format	Color
Hex	818C8F
RGB	129, 140, 143
RGB Percent	51%, 55%, 56%
CMY	0.4941, 0.4510, 0.4392
CMYK	0.10, 0.02, 0.00, 0.44
HSL	193°, 6%, 53%
HSV	193°, 10%, 56%
XYZ	23.3893, 25.4065, 29.6578
YIQ	137.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

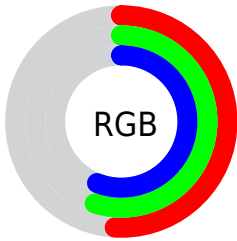
Format	Color
R _Y B	129, 135, 143
Decimal	8490127
CIE Lab	57.47, -3.35, -2.97
CIE LCh	57, 4.481, 221.575
Yxy	25.4065, 0.2981, 0.3238
Android (android.graphics.Color)	4286680207 (0xFF818C8F)
YUV	137.0530, 2.9319, -7.0625
Hunter-Lab	50.4049, -5.3794, 0.3977

Details

The XYZ color **23.3893, 25.4065, 29.6578** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5415, 23.9270, 24.1469**, and the grayscale version is **23.7898, 25.0287, 27.2563**.

A 20% lighter version of the original color is **48.6612, 52.5599, 60.4037**, and **8.9402, 9.8081, 11.7779** is the 20% darker color. If you saturate the color by 10%, you get **20.9263, 23.4824, 29.4166**, and if you desaturate by 10%, it is **26.1702, 27.5143, 29.9185**.

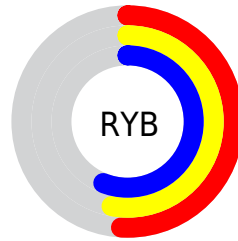
Distribution



Red (51%)

Green (55%)

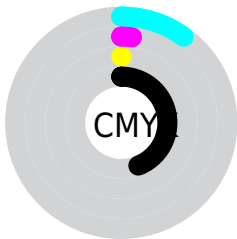
Blue (56%)



Red (51%)

Yellow (53%)

Blue (56%)

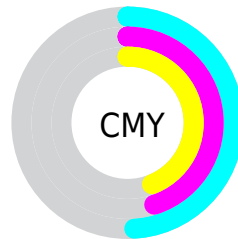


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (44%)



Cyan (49%)

Magenta (45%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3893, 25.4065, 29.6578 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 23.3893, 25.4065, 29.6578 by changing the saturation by 10% instead.

■ 23.3893, 25.4065,
29.6578

■ 23.3893, 25.4065,
29.6578

262.2164,
279.8563, 314.4636

■ 15.0035, 16.3802,
19.3291

■ 48.4937, 52.3159,
60.1752

■ 8.9082, 9.7936,
11.7291

■ 65.9431, 70.9678,
81.2010

■ 4.7380, 5.2623,
6.4392

■ 87.1443, 93.5970,
106.6296

■ 2.1275, 2.4020,
3.0409

112.4628,
120.5879, 136.8796

■ 0.7041, 0.8269,
1.1155

142.2639,
152.3249, 172.3694

■ 0.0000, 0.0000,
0.0000

176.9130,

189.1923, 213.5177

216.7754,
231.5747, 260.7429

■ 23.3893, 25.4065,
29.6578

■ 23.3893, 25.4065,
29.6578

■ 20.9263, 23.4824,
29.4166

■ 26.1702, 27.5143,
29.9185

■ 18.7664, 21.7323,
29.1927

■ 29.2788, 29.8090,
30.1976

■ 16.8968, 20.1500,
28.9858

■ 32.7271, 32.2976,
30.4962

■ 15.3029, 18.7278,
28.7953

■ 36.5258, 34.9858,
30.8148

■ 13.9689, 17.4575,
28.6204

■ 40.6853, 37.8789,
31.1540

■ 12.8770, 16.3298,
28.4603

■ 45.2152, 40.9823,
31.5143

■ 12.0076, 15.3343,
28.3139

■ 50.1251, 44.3009,
31.8961

■ 11.3373, 14.4589,
28.1803

■ 55.4241, 47.8396,
32.2998

■ 10.8052, 13.6719,
28.0565

■ 60.1198, 51.0868,
32.6791

Harmonies

Analogous

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



23.1577, 25.4065, 28.2567



23.3893, 25.4065, 29.6578



23.8256, 25.4065, 30.5434

Triad

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



23.3893, 25.4065, 29.6578



25.1338, 25.4065, 28.6017



23.9430, 25.4065, 24.8856

Complementary

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



23.3893, 25.4065, 29.6578



23.5415, 23.9270, 24.1469

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.



24.4736, 25.4065, 24.9703



23.3893, 25.4065, 29.6578



25.1664, 25.4065, 27.0784

Square

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



23.3893, 25.4065, 29.6578



24.8348, 25.4065, 29.9184



24.9232, 25.4065, 25.7604



23.4742, 25.4065, 25.5246

Rectangle

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



23.3893, 25.4065, 29.6578



24.1763, 25.4065, 30.7033



24.9232, 25.4065, 25.7604



24.1199, 25.4065, 24.8310

Sweetspot

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



23.3900, 25.4076, 29.6584



45.1726, 48.0016, 53.4224



23.0273, 25.9730, 25.5582



10.2709, 10.9413, 12.2427



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.3900, 25.4076, 29.6584



40.7485, 44.6212, 53.0031



22.4266, 23.4806, 29.3372



5.4636, 5.9230, 6.8841



9.5595, 12.1051, 24.8098



0.1072, 0.1473, 0.2425

Inverse Universe

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



23.9122, 23.4341, 28.0752



41.9062, 40.2929, 49.4823



24.4942, 25.8324, 24.4645



5.5775, 5.4915, 6.5391



12.6283, 6.2083, 14.2260



0.1287, 0.0625, 0.1779

Previews

White Background



This preview shows how the XYZ color 23.3893, 25.4065, 29.6578 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 23.3893, 25.4065, 29.6578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

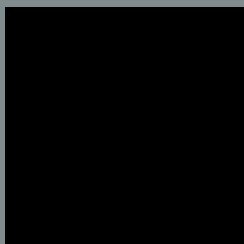
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

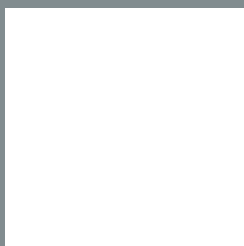
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3893, 25.4065, 29.6578

Background



This preview shows how black text looks on a background with the XYZ color 23.3893, 25.4065, 29.6578.



This preview shows how white text looks on a background with the XYZ color 23.3893, 25.4065,

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

23.3893, 25.4065, 29.6578

Protanopia

24.4008, 25.3034, 28.7973

Deuteranopia

25.7719, 25.3597, 29.9221



Tritanopia

23.9436, 25.4131, 32.4974

Trichromacy



Original Color

23.3893, 25.4065, 29.6578

Protanomaly

23.9626, 25.2808, 29.2079

Deuteranomaly

24.8227, 25.2847, 29.9577

Tritanomaly

23.7050, 25.3176, 31.2412

Monochromacy



Original Color

23.3893, 25.4065, 29.6578

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.5802, 25.1094, 28.0299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3893, 25.4065, 29.6578 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(129, 140, 143)` looks like.

```
.text, #text, p{  
    color:rgb(129, 140, 143)  
}
```

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(129, 140, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 140, 143) }
```

Border

The CSS property to change the border of an element to XYZ 23.3893, 25.4065, 29.6578 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(129, 140, 143) }
```


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

```
.border{ border-color:rgb(129, 140, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 140, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 140, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 140, 143); box-shadow:4px 4px 4px 4px rgb(129, 140, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3893, 25.4065, 29.6578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 140, 143) }
```

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

```
.background{ background-color: rgb(129,  
140, 143) }
```

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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