

Converting Colors

XYZ(18.9481, 23.1089, 30.4301)

Have a look what the booklet for
XYZ(18.9481, 23.1089, 30.4301)
contains.

XYZ(18.9026, 23.0758, 30.2459)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.9026, 23.0758,
30.2459)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8C91
RGB	92, 140, 145
RGB Percent	36%, 55%, 57%
CMY	0.6392, 0.4510, 0.4314
CMYK	0.37, 0.03, 0.00, 0.43
HSL	186°, 22%, 46%
HSV	186°, 37%, 57%
XYZ	18.9026, 23.0758, 30.2459
YIQ	126.2180, -30.2130, -8.6210

Conversions

Conversions Part 2

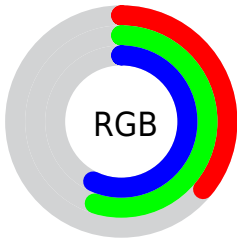
Format	Color
R_{YB}	92, 117, 145
Decimal	6065297
CIE _{Lab}	55.15, -14.83, -7.82
CIE _{LCh}	55, 16.766, 207.815
Yxy	23.0758, 0.2617, 0.3195
Android (android.graphics.Color)	4284255377 (0xFF5C8C91)
YUV	126.2180, 9.2595, -30.0092
Hunter-Lab	48.0373, -13.8257, -3.7049

Details

The XYZ color **18.9026, 23.0758, 30.2459** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.8840, 15.3423, 12.1447**, and the grayscale version is **19.8828, 20.9182, 22.7800**.

A 20% lighter version of the original color is **41.1022, 48.6364, 61.2543**, and **6.6362, 8.6100, 12.1386** is the 20% darker color. If you saturate the color by 10%, you get **17.3921, 22.0028, 30.1188**, and if you desaturate by 10%, it is **20.6943, 24.2985, 30.3879**.

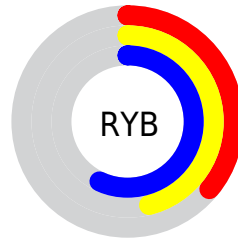
Distribution



Red (36%)

Green (55%)

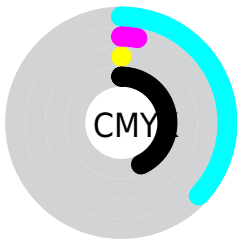
Blue (57%)



Red (36%)

Yellow (46%)

Blue (57%)

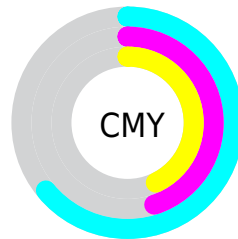


Cyan (37%)

Magenta (3%)

Yellow (0%)

Black (43%)



Cyan (64%)

Magenta (45%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9026, 23.0758, 30.2459 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 18.9026, 23.0758, 30.2459 by changing the saturation by 10% instead.

■ 18.9026, 23.0758,
30.2459

■ 18.9026, 23.0758,
30.2459

238.8590,
268.1141, 317.2919

■ 11.7035, 14.6495,
19.7717

■ 41.0876, 48.5178,
61.1164

■ 6.6129, 8.5738,
12.0468

■ 56.8042, 66.3022,
82.3498

■ 3.2654, 4.4642,
6.6526

■ 76.0907, 87.9748,
108.0067

■ 1.2956, 1.9365,
3.1707

■ 99.3125, 113.9200,
138.5055

■ 0.1799, 0.5702,
1.1824

126.8348,
144.5221, 174.2650

■ 0.0000, 0.0000,
0.0000

159.0231,

180.1655, 215.7035

196.2427,
221.2347, 263.2396

■ 18.9026, 23.0758,
30.2459

■ 18.9026, 23.0758,
30.2459

■ 17.3921, 22.0028,
30.1188

■ 20.6943, 24.2985,
30.3879

■ 16.1447, 21.0686,
30.0042

■ 22.7796, 25.6758,
30.5438

■ 15.1437, 20.2651,
29.9019

■ 25.1730, 27.2155,
30.7149

■ 14.3695, 19.5821,
29.8109

■ 27.8870, 28.9243,
30.9016

■ 13.7994, 19.0080,
29.7301

■ 30.9338, 30.8084,
31.1047

■ 13.3973, 18.5241,
29.6579

■ 34.3247, 32.8737,
31.3246

■ 13.2709, 18.3644,
29.6337

■ 38.0706, 35.1257,
31.5619

■ 42.1819, 37.5698,
31.8170

■ 46.6685, 40.2112,
32.0903

Harmonies

Analogous

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



18.5310, 23.0758, 24.7348



18.9026, 23.0758, 30.2459



20.0720, 23.0758, 34.8922

Triad

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



18.9026, 23.0758, 30.2459



25.1204, 23.0758, 31.0224



22.0703, 23.0758, 16.1729

Complementary

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



18.9026, 23.0758, 30.2459



17.8840, 15.3423, 12.1447

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.



23.9053, 23.0758, 17.3762



18.9026, 23.0758, 30.2459



25.7274, 23.0758, 25.5205

Square

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



18.9026, 23.0758, 30.2459



23.6546, 23.0758, 35.3834



25.2708, 23.0758, 20.6185



20.2968, 23.0758, 17.0708

Rectangle

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



18.9026, 23.0758, 30.2459



21.1823, 23.0758, 36.6010



25.2708, 23.0758, 20.6185



22.7009, 23.0758, 16.3409

Sweetspot

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



18.9033, 23.0767, 30.2464



43.0048, 47.4111, 54.8582



16.6702, 23.3789, 14.8018



9.4545, 10.4747, 12.1957



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.



18.9033, 23.0767, 30.2464



31.5550, 39.6997, 53.9732



15.5518, 16.3738, 29.1293



5.5174, 6.0306, 6.9020



11.3929, 15.7718, 25.4209



0.1171, 0.1672, 0.2458

Inverse Universe

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



20.2385, 15.5682, 26.7502



34.3593, 24.3519, 46.5351



20.6820, 20.9383, 13.0773



5.6046, 5.5024, 6.6820



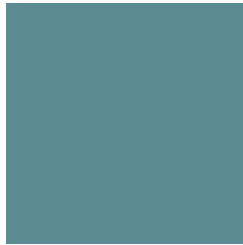
13.5537, 6.5785, 19.0990



0.1337, 0.0645, 0.2044

Previews

White Background



This preview shows how the XYZ color 18.9026, 23.0758, 30.2459 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 18.9026, 23.0758, 30.2459 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 18.9026, 23.0758, 30.2459

Background



This preview shows how black text looks on a background with the XYZ color 18.9026, 23.0758, 30.2459.



This preview shows how white text looks on a background with the XYZ color 18.9026, 23.0758,

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

18.9026, 23.0758, 30.2459

Protanopia

22.2922, 23.0022, 27.6910

Deuteranopia

23.3810, 22.8948, 31.2038



Tritanopia

19.2518, 22.9944, 32.2778

Trichromacy



Original Color

18.9026, 23.0758, 30.2459

Protanomaly

20.6689, 22.7552, 28.5021

Deuteranomaly

21.4029, 22.6741, 30.8522

Tritanomaly

19.0921, 22.9305, 31.4367

Monochromacy



Original Color

18.9026, 23.0758, 30.2459

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.2894, 21.5035, 25.3242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9026, 23.0758, 30.2459 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(92, 140, 145)` looks like.

```
.text, #text, p{  
    color:rgb(92, 140, 145)  
}
```

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(92, 140, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 140, 145) }
```

Border

The CSS property to change the border of an element to XYZ 18.9026, 23.0758, 30.2459 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(92, 140, 145) }
```


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

```
.border{ border-color:rgb(92, 140, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 140, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 140, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 140, 145);  
box-shadow:4px 4px 4px 4px rgb(92, 140,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9026, 23.0758, 30.2459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 140, 145) }
```

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

```
.background{ background-color: rgb(92, 140,  
145) }
```

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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