

Converting Colors

XYZ(18.8019, 23.0589, 28.6592)

Have a look what the booklet for
XYZ(18.8019, 23.0589, 28.6592)
contains.

XYZ(18.8019, 23.0589, 28.6592)	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(18.8019, 23.0589,
28.6592)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8C8D
RGB	94, 140, 141
RGB Percent	37%, 55%, 55%
CMY	0.6314, 0.4510, 0.4471
CMYK	0.33, 0.01, 0.00, 0.45
HSL	181°, 20%, 46%
HSV	181°, 33%, 55%
XYZ	18.8019, 23.0589, 28.6592
YIQ	126.3600, -27.7370, -9.4410

Conversions

Conversions Part 2

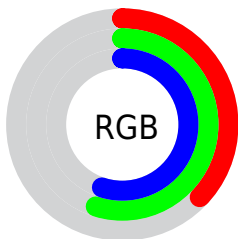
Format	Color
R_{YB}	94, 117, 141
Decimal	6196365
CIE _{Lab}	55.13, -15.27, -5.53
CIE _{LCh}	55, 16.244, 199.905
Yxy	23.0589, 0.2666, 0.3270
Android (android.graphics.Color)	4284386445 (0xFF5E8C8D)
YUV	126.3600, 7.2175, -28.3797
Hunter-Lab	48.0197, -14.1435, -1.7718

Details

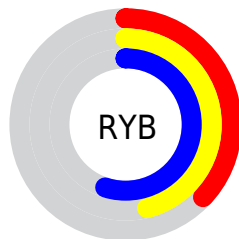
The XYZ color **18.8019, 23.0589, 28.6592** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.0975, 14.6556, 12.5179**, and the grayscale version is **19.9372, 20.9755, 22.8424**.

A 20% lighter version of the original color is **40.9962, 48.6347, 58.8565**, and **6.5832, 8.6031, 11.2111** is the 20% darker color. If you saturate the color by 10%, you get **17.4425, 22.2938, 28.5836**, and if you desaturate by 10%, it is **20.4269, 23.9623, 28.7483**.

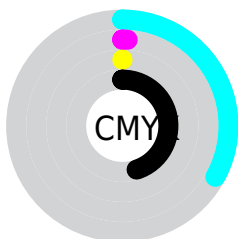
Distribution



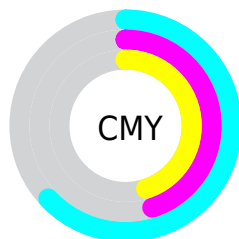
- Red (37%)
- Green (55%)
- Blue (55%)



- Red (37%)
- Yellow (46%)
- Blue (55%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (45%)



- Cyan (63%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8019, 23.0589, 28.6592 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 18.8019, 23.0589, 28.6592 by changing the saturation by 10% instead.

■ 18.8019, 23.0589,
28.6592

■ 18.8019, 23.0589,
28.6592

238.3121,
268.0274, 309.6140

■ 11.6304, 14.6370,
18.5798

■ 40.9186, 48.4900,
58.5709

■ 6.5629, 8.5650,
11.1933

■ 56.5944, 66.2680,
79.2403

■ 3.2342, 4.4586,
6.0812

■ 75.8357, 87.9336,
104.2767

■ 1.2788, 1.9332,
2.8249

■ 99.0079, 113.8710,
134.0988

■ 0.1672, 0.5682,
1.0060

126.4763,
144.4646, 169.1250

■ 0.0000, 0.0000,
0.0000

158.6062,

180.0990, 209.7739

195.7630,
221.1585, 256.4641

■ 18.8019, 23.0589,
28.6592

■ 18.8019, 23.0589,
28.6592

■ 17.4425, 22.2938,
28.5836

■ 20.4269, 23.9623,
28.7483

■ 16.3324, 21.6568,
28.5191

■ 22.3288, 25.0080,
28.8499

■ 15.4563, 21.1406,
28.4656


■ 24.5207, 26.2034,
28.9651


■ 14.7968, 20.7362,
28.4224


■ 27.0143, 27.5545,
29.0945

■ 14.3338, 20.4333,
28.3883


■ 29.8205, 29.0669,
29.2385


 14.0434, 20.2196,
28.3623

 32.9499, 30.7462,
29.3977

 13.8970, 20.1015,
28.3473

 36.4123, 32.5973,
29.5725

 40.2175, 34.6252,
29.7634

 44.3745, 36.8347,
29.9708

Harmonies

Analogous

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



18.6631, 23.0589, 23.3988



18.8019, 23.0589, 28.6592



19.7489, 23.0589, 33.5382

Triad

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



18.8019, 23.0589, 28.6592



24.6910, 23.0589, 32.0963



22.5331, 23.0589, 16.5104

Complementary

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



18.8019, 23.0589, 28.6592



17.0975, 14.6556, 12.5179

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.



24.2378, 23.0589, 18.2227



18.8019, 23.0589, 28.6592



25.5283, 23.0589, 26.8968

Square

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



18.8019, 23.0589, 28.6592



23.1243, 23.0589, 35.7043



25.3580, 23.0589, 21.8616



20.7521, 23.0589, 16.8466

Rectangle

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



18.8019, 23.0589, 28.6592



20.7416, 23.0589, 35.6899



25.3580, 23.0589, 21.8616



23.1356, 23.0589, 16.8553

Sweetspot

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



18.8026, 23.0598, 28.6597



41.1537, 45.4227, 51.7263



16.1972, 22.2522, 14.2169



9.0875, 10.0883, 11.5477



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.



18.8026, 23.0598, 28.6597



31.7962, 40.2413, 51.2194



15.7527, 16.9600, 27.6431



5.5506, 6.0969, 6.9130



12.6728, 18.3316, 25.8475



0.1232, 0.1793, 0.2478

Inverse Universe

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



19.7214, 15.5622, 26.7763



33.7123, 24.7065, 47.2694



19.5172, 19.4951, 13.3245



5.6214, 5.5091, 6.7702



14.1998, 6.8369, 22.5010



0.1368, 0.0658, 0.2205

Previews

White Background



This preview shows how the XYZ color 18.8019, 23.0589, 28.6592 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 18.8019, 23.0589, 28.6592 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 18.8019, 23.0589, 28.6592

Background



This preview shows how black text looks on a background with the XYZ color 18.8019, 23.0589, 28.6592.



This preview shows how white text looks on a background with the XYZ color 18.8019, 23.0589,

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

18.8019, 23.0589, 28.6592

Protanopia

22.1623, 22.9684, 26.1869

Deuteranopia

23.4007, 22.9409, 29.5802



Tritanopia

19.5615, 23.1540, 32.2923

Trichromacy



Original Color

18.8019, 23.0589, 28.6592

Protanomaly

20.6482, 22.7783, 26.9753

Deuteranomaly

21.3776, 22.6967, 29.2408

Tritanomaly

19.2184, 23.0047, 31.0312

Monochromacy



Original Color

18.8019, 23.0589, 28.6592

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.1525, 21.4487, 24.6033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8019, 23.0589, 28.6592 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(94, 140, 141) looks like.

```
.text, #text, p{  
    color:rgb(94, 140, 141)  
}
```

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(94, 140, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 140, 141) }
```

Border

The CSS property to change the border of an element to XYZ 18.8019, 23.0589, 28.6592 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(94, 140, 141) }
```


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

```
.border{ border-color:rgb(94, 140, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 140, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 140, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 140, 141);  
box-shadow:4px 4px 4px 4px rgb(94, 140,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8019, 23.0589, 28.6592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 140, 141) }
```

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

```
.background{ background-color: rgb(94, 140,  
141) }
```

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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