

Converting Colors

XYZ(19.2896, 22.9930, 35.0169)

Have a look what the booklet for
XYZ(19.2896, 22.9930, 35.0169)
contains.

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Color

**XYZ(19.2579, 22.9402,
34.8654)**

Conversions

Conversions Part 1

Format	Color
Hex	588B9C
RGB	88, 139, 156
RGB Percent	35%, 55%, 61%
CMY	0.6549, 0.4549, 0.3882
CMYK	0.44, 0.11, 0.00, 0.39
HSL	195°, 28%, 48%
HSV	195°, 44%, 61%
XYZ	19.2579, 22.9402, 34.8654
YIQ	125.6890, -35.8530, -5.5250

Conversions

Conversions Part 2

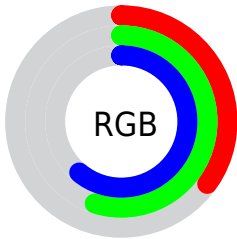
Format	Color
R _Y B	88, 117, 156
Decimal	5802908
CIE Lab	55.01, -12.41, -14.40
CIE LCh	55, 19.007, 229.236
Yxy	22.9402, 0.2499, 0.2977
Android (android.graphics.Color)	4283992988 (0xFF588B9C)
YUV	125.6890, 14.9433, -33.0533
Hunter-Lab	47.8959, -12.0469, -9.6325

Details

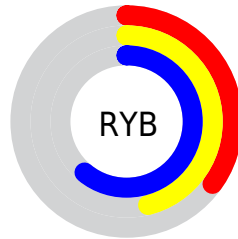
The XYZ color **19.2579, 22.9402, 34.8654** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5239, 17.8763, 11.6021**, and the grayscale version is **19.6859, 20.7111, 22.5544**.

A 20% lighter version of the original color is **41.8123, 48.5058, 68.7868**, and **6.8153, 8.5220, 14.6503** is the 20% darker color. If you saturate the color by 10%, you get **17.3818, 21.1501, 34.6192**, and if you desaturate by 10%, it is **21.4716, 24.9353, 35.1342**.

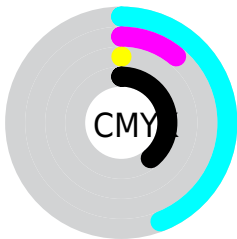
Distribution



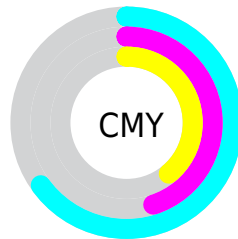
- Red (35%)
- Green (55%)
- Blue (61%)



- Red (35%)
- Yellow (46%)
- Blue (61%)



- Cyan (44%)
- Magenta (11%)
- Yellow (0%)
- Black (39%)



- Cyan (65%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2579, 22.9402, 34.8654 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 19.2579, 22.9402, 34.8654 by changing the saturation by 10% instead.

■ 19.2579, 22.9402,
34.8654

■ 19.2579, 22.9402,
34.8654

240.7797,
267.4177, 338.8600

■ 11.9619, 14.5494,
23.2765

■ 41.6829, 48.2951,
68.4264

■ 6.7897, 8.5037,
14.5906

■ 57.5427, 66.0280,
91.2356

■ 3.3761, 4.4189,
8.3891

■ 76.9877, 87.6436,
118.6219

■ 1.3556, 1.9106,
4.2536

■ 100.3834,
113.5265, 151.0040

■ 0.2243, 0.5547,
1.7655

128.0951,
144.0609, 188.8002

■ 0.0000, 0.0000,
0.4050

160.4881,

■ 0.0000, 0.0000,

179.6313, 232.4293

0.0000

197.9279,
220.6221, 282.3097

■ 19.2579, 22.9402,
34.8654

■ 19.2579, 22.9402,
34.8654

■ 17.3818, 21.1501,
34.6192

■ 21.4716, 24.9353,
35.1342

■ 15.8205, 19.5514,
34.3929

■ 24.0395, 27.1426,
35.4249

■ 14.5519, 18.1329,
34.1859

■ 26.9797, 29.5724,
35.7390

■ 13.5498, 16.8808,
33.9971

■ 30.3082, 32.2331,
36.0771

■ 12.7829, 15.7785,
33.8247

■ 34.0402, 35.1330,
36.4401

■ 12.3623, 15.1234,
33.7204

■ 38.1901, 38.2797,
36.8288

■ 42.7714, 41.6804,
37.2437

■ 47.7972, 45.3423,
37.6856

■ 53.2799, 49.2718,
38.1552

Harmonies

Analogous

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



18.1894, 22.9402, 29.0100



19.2579, 22.9402, 34.8654



21.0541, 22.9402, 38.2377

Triad

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



19.2579, 22.9402, 34.8654



26.0427, 22.9402, 27.2141



20.4929, 22.9402, 15.5258

Complementary

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



19.2579, 22.9402, 34.8654



20.5239, 17.8763, 11.6021

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.



22.5714, 22.9402, 15.2041



19.2579, 22.9402, 34.8654



25.8683, 22.9402, 21.3380

Square

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



19.2579, 22.9402, 34.8654



25.0274, 22.9402, 33.3695



24.5651, 22.9402, 17.1625



18.8699, 22.9402, 18.1263

Rectangle

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



19.2579, 22.9402, 34.8654



22.4624, 22.9402, 38.3092



24.5651, 22.9402, 17.1625



21.1585, 22.9402, 15.1655

Sweetspot

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



19.2586, 22.9411, 34.8659



49.1905, 53.8641, 64.9309



18.4056, 26.8490, 17.2743



10.5668, 11.6430, 14.2608



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.2586, 22.9411, 34.8659



31.7447, 38.5864, 62.9015



15.1938, 14.8114, 33.5110



6.6813, 7.2284, 8.4498



10.2110, 12.5136, 27.7844



0.2136, 0.2857, 0.5071

Inverse Universe

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



21.8609, 15.9122, 26.3461



37.2459, 24.7513, 44.6611



24.5417, 25.9119, 12.9413



6.8332, 6.7262, 7.9730



13.9523, 6.8855, 14.5315



0.2651, 0.1294, 0.3422

Previews

White Background



This preview shows how the XYZ color 19.2579, 22.9402, 34.8654 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 19.2579, 22.9402, 34.8654 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

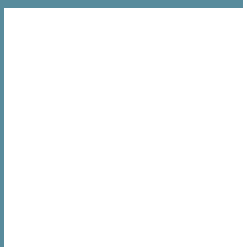
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2579, 22.9402, 34.8654

Background



This preview shows how black text looks on a background with the XYZ color 19.2579, 22.9402, 34.8654.



This preview shows how white text looks on a background with the XYZ color 19.2579, 22.9402,

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

19.2579, 22.9402, 34.8654

Protanopia

22.3897, 22.7565, 32.0665

Deuteranopia

23.0966, 22.6528, 35.5029



Tritanopia

18.8945, 23.0168, 32.7250

Trichromacy



Original Color

19.2579, 22.9402, 34.8654

Protanomaly

20.8651, 22.5528, 32.9592

Deuteranomaly

21.4073, 22.5817, 35.1287

Tritanomaly

19.0583, 23.0823, 33.5878

Monochromacy



Original Color

19.2579, 22.9402, 34.8654

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.3137, 21.4835, 26.7957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2579, 22.9402, 34.8654 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(88, 139, 156) looks like.

```
.text, #text, p{  
    color:rgb(88, 139, 156)  
}
```

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(88, 139, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 139, 156) }
```

Border

The CSS property to change the border of an element to XYZ 19.2579, 22.9402, 34.8654 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(88, 139, 156) }
```


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

```
.border{ border-color:rgb(88, 139, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 139, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 139, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 139, 156);  
box-shadow:4px 4px 4px 4px rgb(88, 139,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2579, 22.9402, 34.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 139, 156) }
```

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

```
.background{ background-color: rgb(88, 139,  
156) }
```

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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