

Converting Colors

XYZ(19.0235, 23.3824, 29.1018)

Have a look what the booklet for
XYZ(19.0235, 23.3824, 29.1018)
contains.

XYZ(19.0235, 23.3824, 29.1018)	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(19.0235, 23.3824,
29.1018)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8D8E
RGB	94, 141, 142
RGB Percent	37%, 55%, 56%
CMY	0.6314, 0.4470, 0.4431
CMYK	0.34, 0.01, 0.00, 0.44
HSL	181°, 20%, 46%
HSV	181°, 34%, 56%
XYZ	19.0235, 23.3824, 29.1018
YIQ	127.0610, -28.3330, -9.6530

Conversions

Conversions Part 2

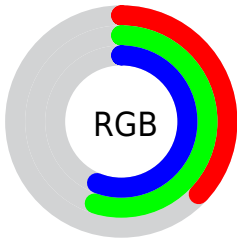
Format	Color
R_{YB}	94, 118, 142
Decimal	6196622
CIE Lab	55.46, -15.56, -5.62
CIE LCh	55, 16.543, 199.845
Yxy	23.3824, 0.2660, 0.3270
Android (android.graphics.Color)	4284386702 (0xFF5E8D8E)
YUV	127.0610, 7.3649, -28.9945
Hunter-Lab	48.3554, -14.3981, -1.8339

Details

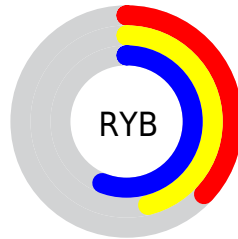
The XYZ color **19.0235, 23.3824, 29.1018** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.2684, 14.7438, 12.5261**, and the grayscale version is **20.1768, 21.2276, 23.1168**.

A 20% lighter version of the original color is **41.3330, 49.1267, 59.5285**, and **6.7116, 8.7904, 11.4682** is the 20% darker color. If you saturate the color by 10%, you get **17.6559, 22.6134, 29.0258**, and if you desaturate by 10%, it is **20.6605, 24.2916, 29.1914**.

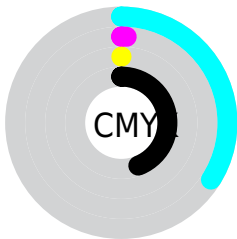
Distribution



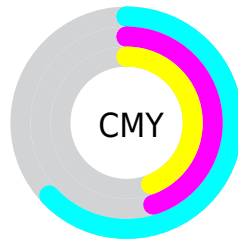
- Red (37%)
- Green (55%)
- Blue (56%)



- Red (37%)
- Yellow (46%)
- Blue (56%)



- Cyan (34%)
- Magenta (1%)
- Yellow (0%)
- Black (44%)



- Cyan (63%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0235, 23.3824, 29.1018 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 19.0235, 23.3824, 29.1018 by changing the saturation by 10% instead.

■ 19.0235, 23.3824,
29.1018

■ 19.0235, 23.3824,
29.1018

239.5141,
269.6830, 311.7709

■ 11.7914, 14.8761,
18.9116

■ 41.2904, 49.0205,
59.2829

■ 6.6730, 8.7325,
11.4303

■ 57.0558, 66.9210,
80.1109

■ 3.3029, 4.5671,
6.2392

■ 76.3964, 88.7219,
105.3219

■ 1.3159, 1.9956,
2.9199

■ 99.6775, 114.8073,
135.3344

■ 0.1951, 0.6049,
1.0539

127.2645,
145.5617, 170.5671

■ 0.0000, 0.0000,
0.0000

159.5227,

181.3696, 211.4383

196.8174,
222.6152, 258.3668

■ 19.0235, 23.3824,
29.1018

■ 19.0235, 23.3824,
29.1018

■ 17.6559, 22.6134,
29.0258

■ 20.6605, 24.2916,
29.1914

■ 16.5410, 21.9742,
28.9612

■ 22.5784, 25.3453,
29.2937

■ 15.6632, 21.4575,
28.9078

■ 24.7906, 26.5508,
29.4098

■ 15.0047, 21.0539,
28.8646

■ 27.3090, 27.9144,
29.5403

■ 14.5448, 20.7529,
28.8307

■ 30.1448, 29.4417,
29.6856

■ 14.2587, 20.5417,
28.8050

■ 33.3088, 31.1384,
29.8463

■ 14.1219, 20.4318,
28.7910

■ 36.8110, 33.0097,
30.0229

■ 40.6612, 35.0605,
30.2159

■ 44.8687, 37.2957,
30.4255

Harmonies

Analogous

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



18.8827, 23.3824, 23.6939



19.0235, 23.3824, 29.1018



19.9943, 23.3824, 34.1290

Triad

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



19.0235, 23.3824, 29.1018



25.0749, 23.3824, 32.6614



22.8616, 23.3824, 16.6406

Complementary

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



19.0235, 23.3824, 29.1018



17.2684, 14.7438, 12.5261

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.



24.6142, 23.3824, 18.3985



19.0235, 23.3824, 29.1018



25.9385, 23.3824, 27.3107

Square

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



19.0235, 23.3824, 29.1018



23.4621, 23.3824, 36.3747



25.7653, 23.3824, 22.1345



21.0307, 23.3824, 16.9805

Rectangle

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



19.0235, 23.3824, 29.1018



21.0132, 23.3824, 36.3507



25.7653, 23.3824, 22.1345



23.4810, 23.3824, 16.9950

Sweetspot

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



19.0242, 23.3833, 29.1023



41.1554, 45.4260, 51.7269



16.3462, 22.5488, 14.2704



9.0880, 10.0892, 11.5479



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.



19.0242, 23.3833, 29.1023



31.5686, 40.1222, 51.2084



15.8838, 17.1026, 28.0555



5.5508, 6.0973, 6.9131



12.6810, 18.3479, 25.8502



0.1232, 0.1794, 0.2478

Inverse Universe

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



19.9664, 15.6800, 27.1744



33.5153, 24.3134, 47.2008



19.7493, 19.7056, 13.3530



5.6215, 5.5091, 6.7707



14.2039, 6.8386, 22.5227



0.1368, 0.0658, 0.2206

Previews

White Background



This preview shows how the XYZ color 19.0235, 23.3824, 29.1018 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 19.0235, 23.3824, 29.1018 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

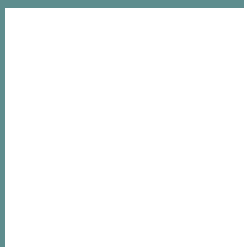
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0235, 23.3824, 29.1018

Background



This preview shows how black text looks on a background with the XYZ color 19.0235, 23.3824, 29.1018.



This preview shows how white text looks on a background with the XYZ color 19.0235, 23.3824,

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

19.0235, 23.3824, 29.1018

Protanopia

22.3681, 23.2666, 26.6045

Deuteranopia

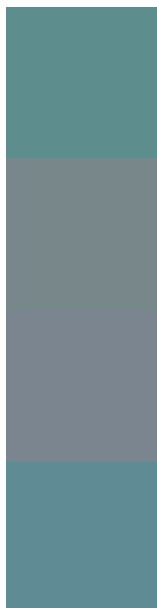
23.7763, 23.3203, 30.0362



Tritanopia

19.7879, 23.4773, 32.7668

Trichromacy



Original Color

19.0235, 23.3824, 29.1018

Protanomaly

20.8592, 23.0849, 27.4012

Deuteranomaly

21.5899, 22.9996, 29.6870

Tritanomaly

19.4427, 23.3272, 31.4948

Monochromacy



Original Color

19.0235, 23.3824, 29.1018

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.4864, 21.8133, 25.0131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0235, 23.3824, 29.1018 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, 141, 142) looks like.

```
.text, #text, p{  
    color:rgb(94, 141, 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(94, 141, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 141, 142) }
```

Border

The CSS property to change the border of an element to XYZ 19.0235, 23.3824, 29.1018 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, 141, 142) }
```


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

```
.border{ border-color:rgb(94, 141, 142) }
```

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

Here you see how a box with a 4 pixel rgb(94, 141, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 141, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 141, 142);  
box-shadow:4px 4px 4px 4px rgb(94, 141,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0235, 23.3824, 29.1018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 141, 142) }
```

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

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