

Converting Colors

XYZ(19.0834, 23.1134, 32.7336)

Have a look what the booklet for
XYZ(19.0834, 23.1134, 32.7336)
contains.

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Color

**XYZ(19.0838, 23.1144,
32.7339)**

Conversions

Conversions Part 1

Format	Color
Hex	598C97
RGB	89, 140, 151
RGB Percent	35%, 55%, 59%
CMY	0.6510, 0.4510, 0.4078
CMYK	0.41, 0.07, 0.00, 0.41
HSL	191°, 26%, 47%
HSV	191°, 41%, 59%
XYZ	19.0838, 23.1144, 32.7339
YIQ	126.0050, -33.9270, -7.3910

Conversions

Conversions Part 2

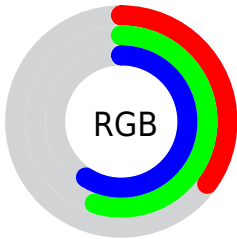
Format	Color
R _Y B	89, 117, 151
Decimal	5868695
CIE Lab	55.19, -14.07, -11.24
CIE LCh	55, 18.009, 218.617
Yxy	23.1144, 0.2547, 0.3085
Android (android.graphics.Color)	4284058775 (0xFF598C97)
YUV	126.0050, 12.3225, -32.4534
Hunter-Lab	48.0774, -13.2819, -6.7139

Details

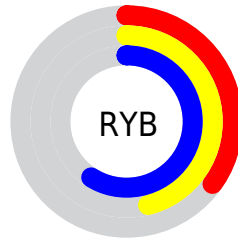
The XYZ color **19.0838, 23.1144, 32.7339** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.1232, 16.4152, 11.6122**, and the grayscale version is **19.8012, 20.8324, 22.6864**.

A 20% lighter version of the original color is **41.4666, 48.7421, 64.9803**, and **6.7194, 8.6257, 13.3674** is the 20% darker color. If you saturate the color by 10%, you get **17.3943, 21.6699, 32.5445**, and if you desaturate by 10%, it is **21.0815, 24.7330, 32.9414**.

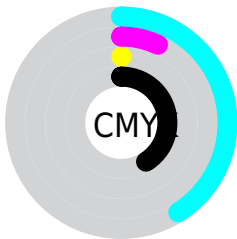
Distribution



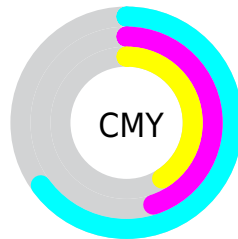
- Red (35%)
- Green (55%)
- Blue (59%)



- Red (35%)
- Yellow (46%)
- Blue (59%)



- Cyan (41%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)



- Cyan (65%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0838, 23.1144, 32.7339 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 19.0838, 23.1144, 32.7339 by changing the saturation by 10% instead.

■ 19.0838, 23.1144,
32.7339

■ 19.0838, 23.1144,
32.7339

239.8402,
268.3120, 329.0441

■ 11.8352, 14.6780,
21.6532

■ 41.3914, 48.5811,
65.0711

■ 6.7030, 8.5937,
13.4064

■ 57.1812, 66.3802,
87.1647

■ 3.3217, 4.4771,
7.5750

■ 76.5487, 88.0690,
113.7663

■ 1.3261, 1.9439,
3.7404

■ 99.8593, 114.0318,
145.2945

■ 0.2026, 0.5746,
1.4840

127.4785,
144.6532, 182.1679

■ 0.0000, 0.0000,
0.2060

159.7714,

■ 0.0000, 0.0000,

180.3174, 224.8049

0.0000

197.1035,
221.4089, 273.6241

■ 19.0838, 23.1144,
32.7339

■ 19.0838, 23.1144,
32.7339

■ 17.3943, 21.6699,
32.5445

■ 21.0815, 24.7330,
32.9414

■ 15.9925, 20.3873,
32.3708

■ 23.4021, 26.5317,
33.1663

■ 14.8587, 19.2567,
32.2124

■ 26.0618, 28.5196,
33.4098

■ 13.9697, 18.2663,
32.0681

■ 29.0752, 30.7043,
33.6727

■ 13.2985, 17.4018,
31.9366

■ 32.4560, 33.0929,
33.9556

■ 12.8205, 16.7034,
31.8270

■ 36.2171, 35.6922,
34.2590

■ 40.3708, 38.5086,
34.5837

■ 44.9288, 41.5482,
34.9302

■ 49.9025, 44.8171,
35.2990

Harmonies

Analogous

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



18.3628, 23.1144, 26.8643



19.0838, 23.1144, 32.7339



20.5892, 23.1144, 36.9563

Triad

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



19.0838, 23.1144, 32.7339



25.7717, 23.1144, 29.4264



21.3951, 23.1144, 15.7270

Complementary

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



19.0838, 23.1144, 32.7339



19.1232, 16.4152, 11.6122

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.



23.4102, 23.1144, 16.1975



19.0838, 23.1144, 32.7339



26.0201, 23.1144, 23.5440

Square

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



19.0838, 23.1144, 32.7339



24.4732, 23.1144, 34.8532



25.1325, 23.1144, 18.8676



19.6428, 23.1144, 17.4666

Rectangle

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



19.0838, 23.1144, 32.7339



21.8764, 23.1144, 37.9460



25.1325, 23.1144, 18.8676



22.0630, 23.1144, 15.6381

Sweetspot

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



19.0845, 23.1153, 32.7344



46.0775, 50.6356, 59.7788



17.4550, 25.1648, 15.8259



10.3409, 11.4113, 13.5751



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.0845, 23.1153, 32.7344



31.4513, 39.0722, 58.3177



15.2463, 15.4388, 31.4550



6.2914, 6.8401, 7.9176



10.9251, 14.2469, 27.0818



0.1849, 0.2562, 0.4121

Inverse Universe

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



21.0691, 15.6181, 26.7161



35.5919, 24.1898, 45.5909



22.5932, 23.3552, 12.7689



6.4142, 6.3048, 7.5612



13.9733, 6.8435, 16.9160



0.2198, 0.1067, 0.3103

Previews

White Background



This preview shows how the XYZ color 19.0838, 23.1144, 32.7339 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 19.0838, 23.1144, 32.7339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

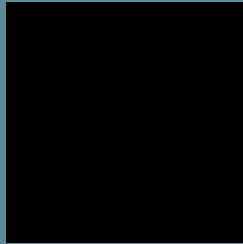
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.0838, 23.1144, 32.7339

Background



This preview shows how black text looks on a background with the XYZ color 19.0838, 23.1144, 32.7339.

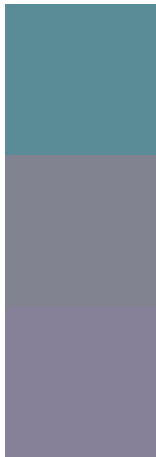


This preview shows how white text looks on a background with the XYZ color 19.0838, 23.1144,

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

19.0838, 23.1144, 32.7339

Protanopia

22.4331, 23.0228, 30.0496

Deuteranopia

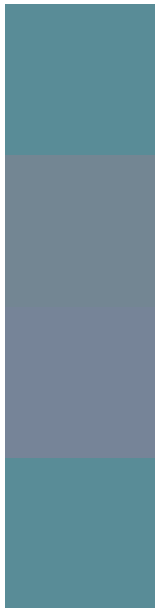
23.3005, 22.8066, 33.3110



Tritanopia

19.0838, 23.1144, 32.7339

Trichromacy



Original Color

19.0838, 23.1144, 32.7339

Protanomaly

20.8618, 22.8016, 30.9054

Deuteranomaly

21.3900, 22.6211, 32.9447

Tritanomaly

19.0838, 23.1144, 32.7339

Monochromacy



Original Color

19.0838, 23.1144, 32.7339

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.2995, 21.4926, 26.0530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0838, 23.1144, 32.7339 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(89, 140, 151)` looks like.

```
.text, #text, p{  
    color:rgb(89, 140, 151)  
}
```

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(89, 140, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 140, 151) }
```

Border

The CSS property to change the border of an element to XYZ 19.0838, 23.1144, 32.7339 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(89, 140, 151) }
```


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

```
.border{ border-color:rgb(89, 140, 151) }
```

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

Here you see how a box with a 4 pixel rgb(89, 140, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 140, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 140, 151);  
box-shadow:4px 4px 4px 4px rgb(89, 140,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0838, 23.1144, 32.7339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 140, 151) }
```

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

```
.background{ background-color: rgb(89, 140,  
151) }
```

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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