

Converting Colors

XYZ(17.9907, 20.7101, 32.3030)

Have a look what the booklet for
XYZ(17.9907, 20.7101, 32.3030)
contains.

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Color

**XYZ(18.0166, 20.6911,
32.3224)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8397
RGB	91, 131, 151
RGB Percent	36%, 51%, 59%
CMY	0.6431, 0.4863, 0.4078
CMYK	0.40, 0.13, 0.00, 0.41
HSL	200°, 25%, 47%
HSV	200°, 40%, 59%
XYZ	18.0166, 20.6911, 32.3224
YIQ	121.3200, -30.2600, -2.2600

Conversions

Conversions Part 2

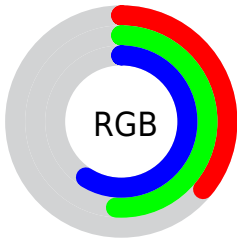
Format	Color
R _Y B	91, 115, 151
Decimal	5997463
CIE Lab	52.61, -8.51, -15.12
CIE LCh	53, 17.355, 240.630
Yxy	20.6911, 0.2536, 0.2913
Android (android.graphics.Color)	4284187543 (0xFF5B8397)
YUV	121.3200, 14.6322, -26.5906
Hunter-Lab	45.4875, -8.9031, -10.2889

Details

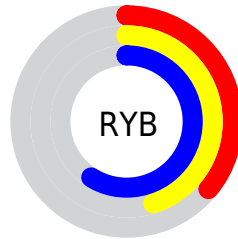
The XYZ color **18.0166, 20.6911, 32.3224** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.3357, 18.7039, 12.4365**, and the grayscale version is **18.2391, 19.1890, 20.8968**.

A 20% lighter version of the original color is **39.4876, 44.5284, 64.2712**, and **6.1926, 7.4058, 13.1597** is the 20% darker color. If you saturate the color by 10%, you get **16.0157, 18.6807, 32.0402**, and if you desaturate by 10%, it is **20.3512, 22.9232, 32.6306**.

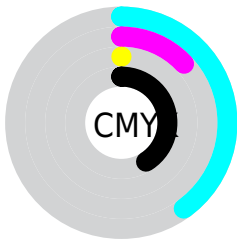
Distribution



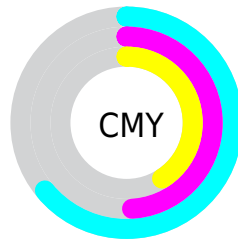
- Red (36%)
- Green (51%)
- Blue (59%)



- Red (36%)
- Yellow (45%)
- Blue (59%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (41%)



- Cyan (64%)
- Magenta (49%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0166, 20.6911, 32.3224 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 18.0166, 20.6911, 32.3224 by changing the saturation by 10% instead.

■ 18.0166, 20.6911,
32.3224

■ 18.0166, 20.6911,
32.3224

234.0084,
255.6323, 327.1231

■ 11.0617, 12.8984,
21.3410

■ 39.5955, 44.5729,
64.4199

■ 6.1759, 7.3586,
13.1798

■ 54.9501, 61.4307,
86.3732

■ 2.9940, 3.6874,
7.4203

■ 73.8354, 82.0791,
112.8208

■ 1.1506, 1.5003,
3.6439

■ 96.6166, 106.9023,
144.1813

■ 0.0668, 0.2889,
1.4321

123.6592,
136.2849, 180.8732

■ 0.0000, 0.0000,
0.1666

155.3284,

■ 0.0000, 0.0000,

170.6111, 223.3152

0.0000

191.9897,
210.2655, 271.9256

■ 18.0166, 20.6911,
32.3224

■ 18.0166, 20.6911,
32.3224

■ 16.0157, 18.6807,
32.0402

■ 20.3512, 22.9232,
32.6306

■ 14.3279, 16.8794,
31.7815

■ 23.0346, 25.3840,
32.9641

■ 12.9335, 15.2767,
31.5456

■ 26.0832, 28.0832,
33.3244

■ 11.8094, 13.8600,
31.3314

■ 29.5118, 31.0290,
33.7123

■ 10.9285, 12.6146,
31.1374

■ 33.3343, 34.2293,
34.1286

■ 10.2256, 11.5062,
30.9605

■ 37.5639, 37.6914,
34.5739

■ 10.2076, 11.4777,
30.9560

■ 42.2132, 41.4225,
35.0490

■ 47.2942, 45.4293,
35.5546

■ 52.8185, 49.7184,
36.0913

Harmonies

Analogous

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



16.8349, 20.6911, 27.9682



18.0166, 20.6911, 32.3224



19.7044, 20.6911, 33.9700

Triad

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



18.0166, 20.6911, 32.3224



23.3355, 20.6911, 22.4202



17.9544, 20.6911, 15.0286

Complementary

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



18.0166, 20.6911, 32.3224



20.3357, 18.7039, 12.4365

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.



19.6282, 20.6911, 13.9973



18.0166, 20.6911, 32.3224



22.7985, 20.6911, 17.8452

Square

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



18.0166, 20.6911, 32.3224



22.8405, 20.6911, 27.7506



21.4137, 20.6911, 14.9455



16.8006, 20.6911, 18.0075

Rectangle

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



18.0166, 20.6911, 32.3224



20.9116, 20.6911, 33.1415



21.4137, 20.6911, 14.9455



18.4714, 20.6911, 14.4650

Sweetspot

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



18.0172, 20.6919, 32.3229



45.2799, 49.0404, 59.5129



18.1960, 25.4836, 18.7123



10.1431, 11.0156, 13.5091



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.



18.0172, 20.6919, 32.3229



28.9382, 33.7191, 57.4169



14.6522, 13.9619, 31.2012



6.2110, 6.6794, 7.8909



8.7106, 9.8179, 26.3437



0.1633, 0.2129, 0.4049

Inverse Universe

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



20.6009, 15.7008, 23.4183



34.4031, 24.0198, 38.3895



24.0294, 26.0913, 13.6678



6.3736, 6.2886, 7.3477



12.8555, 6.3964, 11.0299



0.2089, 0.1023, 0.2528

Previews

White Background



This preview shows how the XYZ color 18.0166, 20.6911, 32.3224 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 18.0166, 20.6911, 32.3224 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 18.0166, 20.6911, 32.3224

Background



This preview shows how black text looks on a background with the XYZ color 18.0166, 20.6911, 32.3224.



This preview shows how white text looks on a background with the XYZ color 18.0166, 20.6911,

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

18.0166, 20.6911, 32.3224

Protanopia

20.2811, 20.5556, 30.0928

Deuteranopia

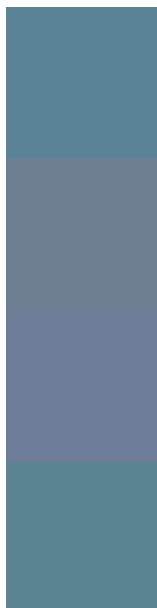
20.8777, 20.4299, 32.9800



Tritanopia

17.3290, 20.6095, 29.0513

Trichromacy



Original Color

18.0166, 20.6911, 32.3224

Protanomaly

19.3651, 20.6319, 30.9787

Deuteranomaly

19.5567, 20.3137, 32.5960

Tritanomaly

17.6560, 20.7515, 30.2690

Monochromacy



Original Color

18.0166, 20.6911, 32.3224

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9289, 19.6482, 24.6773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0166, 20.6911, 32.3224 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(91, 131, 151)` looks like.

```
.text, #text, p{  
    color:rgb(91, 131, 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(91, 131, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 131, 151) }
```

Border

The CSS property to change the border of an element to XYZ 18.0166, 20.6911, 32.3224 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(91, 131, 151) }
```


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

```
.border{ border-color:rgb(91, 131, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 131, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 131, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 131, 151);  
box-shadow:4px 4px 4px 4px rgb(91, 131,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0166, 20.6911, 32.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 131, 151) }
```

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

```
.background{ background-color: rgb(91, 131,  
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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