

Converting Colors

XYZ(19.1596, 15.8703, 52.0969)

Have a look what the booklet for
XYZ(19.1596, 15.8703, 52.0969)
contains.

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Color

**XYZ(19.0897, 15.7953,
51.9118)**

Conversions

Conversions Part 1

Format	Color
Hex	6066C0
RGB	96, 102, 192
RGB Percent	38%, 40%, 75%
CMY	0.6235, 0.6000, 0.2471
CMYK	0.50, 0.47, 0.00, 0.25
HSL	236°, 43%, 56%
HSV	236°, 50%, 75%
XYZ	19.0897, 15.7953, 51.9118
YIQ	110.4660, -32.4660, 26.7180

Conversions

Conversions Part 2

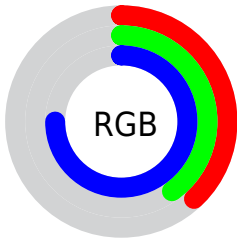
Format	Color
R _Y B	96, 102, 192
Decimal	6317760
CIE Lab	46.70, 22.53, -48.13
CIE LCh	47, 53.144, 295.088
Yxy	15.7953, 0.2199, 0.1820
Android (android.graphics.Color)	4284507840 (0xFF6066C0)
YUV	110.4660, 40.1963, -12.6867
Hunter-Lab	39.7433, 16.1872, -49.6229

Details

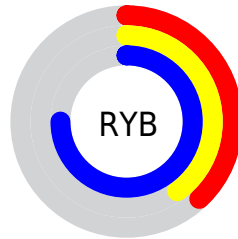
The XYZ color **19.0897, 15.7953, 51.9118** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **41.4097, 47.1708, 17.9899**, and the grayscale version is **14.8501, 15.6235, 17.0140**.

A 20% lighter version of the original color is **41.4390, 36.2974, 94.4446**, and **6.7166, 4.9607, 24.6483** is the 20% darker color. If you saturate the color by 10%, you get **15.7297, 11.7162, 51.3019**, and if you desaturate by 10%, it is **23.3284, 20.8979, 52.6736**.

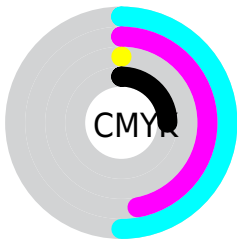
Distribution



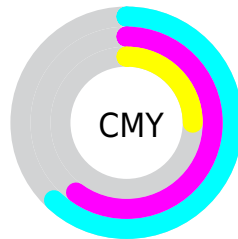
- Red (38%)
- Green (40%)
- Blue (75%)



- Red (38%)
- Yellow (40%)
- Blue (75%)



- Cyan (50%)
- Magenta (47%)
- Yellow (0%)
- Black (25%)



- Cyan (62%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0897, 15.7953, 51.9118 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 19.0897, 15.7953, 51.9118 by changing the saturation by 10% instead.

■ 19.0897, 15.7953,
51.9118

■ 19.0897, 15.7953,
51.9118

239.8721,
228.1308, 411.0433

■ 11.8395, 9.3794,
36.5530

■ 41.4013, 36.2425,
94.4264

■ 6.7059, 4.9895,
24.5685

■ 57.1934, 51.0425,
122.4193

■ 3.3235, 2.2411,
15.5398

■ 76.5636, 69.4061,
155.4607

■ 1.3271, 0.7423,
9.0483

■ 99.8771, 91.7177,
193.9690

■ 0.2034, 0.0000,
4.6754

127.4994,
118.3615, 238.3629

■ 0.0000, 0.0000,
2.0027

159.7957,

■ 0.0000, 0.0000,

149.7220, 289.0609

0.5570

197.1315,
186.1837, 346.4815

■ 0.0000, 0.0000,
0.0000

■ 19.0897, 15.7953,
51.9118

■ 19.0897, 15.7953,
51.9118

■ 15.7297, 11.7162,
51.3019

■ 23.3284, 20.8979,
52.6736

■ 13.1847, 8.5899,
50.8326

■ 28.4995, 27.0852,
53.5953

■ 11.3857, 6.3394,
50.4930

■ 34.6549, 34.4152,
54.6858

■ 10.2513, 4.8748,
50.2701

■ 41.8419, 42.9415,
55.9527

■ 9.6460, 4.0687,
50.1464

■ 50.1047, 52.7144,
57.4036

■ 9.6459, 4.0686,
50.1464

■ 59.4853, 63.7810,
59.0452

■ 70.0230, 76.1862,
60.8843

■ 81.7555, 89.9728,
62.9270

■ 86.5145, 96.5858,
63.9526

Harmonies

Analogous

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



14.2674, 15.7953, 56.8644



19.0897, 15.7953, 51.9118



23.5090, 15.7953, 36.1805

Triad

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



19.0897, 15.7953, 51.9118



20.6731, 15.7953, 3.6575



7.8053, 15.7953, 15.1168

Complementary

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



19.0897, 15.7953, 51.9118



41.4097, 47.1708, 17.9899

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.



8.8589, 15.7953, 6.3837



19.0897, 15.7953, 51.9118



15.7841, 15.7953, 2.2846

Square

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



19.0897, 15.7953, 51.9118



24.5464, 15.7953, 8.5301



11.5623, 15.7953, 2.9371



8.3360, 15.7953, 30.3496

Rectangle

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



19.0897, 15.7953, 51.9118



25.2996, 15.7953, 24.5855



11.5623, 15.7953, 2.9371



7.9783, 15.7953, 11.4625

Sweetspot

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



19.0904, 15.7958, 51.9122



68.7493, 69.4316, 100.1385



32.4947, 43.7148, 52.9573



14.1668, 14.2043, 21.3803



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



19.0904, 15.7958, 51.9122



27.9942, 20.6098, 92.8629



24.1135, 17.5419, 51.9845



9.5777, 9.8467, 12.6806



6.5111, 2.7787, 33.7498



0.2991, 0.1556, 1.4642

Inverse Universe

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



28.3200, 20.5325, 15.0412



46.7197, 30.5234, 17.9893



33.6132, 45.0664, 17.9946



10.0981, 10.0879, 10.6074



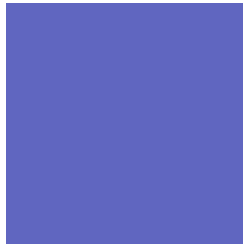
14.6825, 7.5627, 0.9741



0.6434, 0.3304, 0.0893

Previews

White Background



This preview shows how the XYZ color 19.0897, 15.7953, 51.9118 looks on a white background.

Color Contrast Check

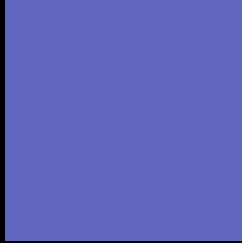
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.0897, 15.7953, 51.9118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

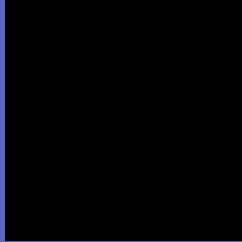
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.0897, 15.7953, 51.9118

Background



This preview shows how black text looks on a background with the XYZ color 19.0897, 15.7953, 51.9118.



This preview shows how white text looks on a background with the XYZ color 19.0897, 15.7953,

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

19.0897, 15.7953, 51.9118

Protanopia

17.7196, 15.7756, 54.9344

Deuteranopia

16.4038, 15.9842, 50.9359



Tritanopia

13.1725, 15.7914, 22.4324

Trichromacy



Original Color

19.0897, 15.7953, 51.9118

Protanomaly

18.0438, 15.6630, 53.7020

Deuteranomaly

17.0813, 15.6800, 51.4165

Tritanomaly

14.9474, 15.6617, 31.5134

Monochromacy



Original Color

19.0897, 15.7953, 51.9118

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.8170, 15.4121, 26.9521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0897, 15.7953, 51.9118 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(96, 102, 192) looks like.

```
.text, #text, p{  
    color:rgb(96, 102, 192)  
}
```

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(96, 102, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 102, 192) }
```

Border

The CSS property to change the border of an element to XYZ 19.0897, 15.7953, 51.9118 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(96, 102, 192) }
```


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

```
.border{ border-color:rgb(96, 102, 192) }
```

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

Here you see how a box with a 4 pixel rgb(96, 102, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 102, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 102, 192);  
box-shadow:4px 4px 4px 4px rgb(96, 102,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0897, 15.7953, 51.9118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 102, 192) }
```

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

```
.background{ background-color: rgb(96, 102,  
192) }
```

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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