

Converting Colors

XYZ(19.1586, 15.9199, 51.7069)

Have a look what the booklet for
XYZ(19.1586, 15.9199, 51.7069)
contains.

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Color

**XYZ(19.2944, 16.0477,
51.9498)**

Conversions

Conversions Part 1

Format	Color
Hex	6167C0
RGB	97, 103, 192
RGB Percent	38%, 40%, 75%
CMY	0.6196, 0.5961, 0.2471
CMYK	0.49, 0.46, 0.00, 0.25
HSL	236°, 43%, 57%
HSV	236°, 49%, 75%
XYZ	19.2944, 16.0477, 51.9498
YIQ	111.3520, -32.1450, 26.4070

Conversions

Conversions Part 2

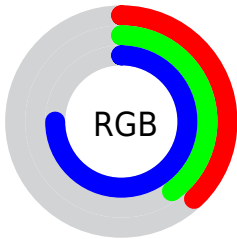
Format	Color
R_{YB}	97, 103, 192
Decimal	6383552
CIE _{Lab}	47.04, 22.14, -47.60
CIE _{LCh}	47, 52.495, 294.951
Yxy	16.0477, 0.2210, 0.1838
Android (android.graphics.Color)	4284573632 (0xFF6167C0)
YUV	111.3520, 39.7595, -12.5867
Hunter-Lab	40.0596, 15.8689, -48.8464

Details

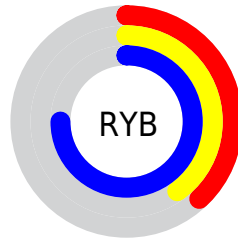
The XYZ color **19.2944, 16.0477, 51.9498** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **41.4556, 47.1884, 18.2334**, and the grayscale version is **15.1070, 15.8937, 17.3082**.

A 20% lighter version of the original color is **41.7914, 36.7231, 94.5081**, and **6.8009, 5.0754, 24.6660** is the 20% darker color. If you saturate the color by 10%, you get **15.8899, 11.9164, 51.3322**, and if you desaturate by 10%, it is **23.5801, 21.2050, 52.7197**.

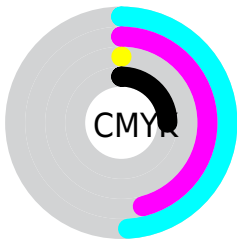
Distribution



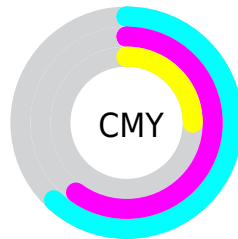
- Red (38%)
- Green (40%)
- Blue (75%)



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



- Cyan (49%)
- Magenta (46%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2944, 16.0477, 51.9498 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 19.2944, 16.0477, 51.9498 by changing the saturation by 10% instead.

■ 19.2944, 16.0477,
51.9498

■ 19.2944, 16.0477,
51.9498

240.9763,
229.6230, 411.1942

■ 11.9885, 9.5579,
36.5831

■ 41.7440, 36.6810,
94.4830

■ 6.8080, 5.1068,
24.5916

■ 57.6184, 51.5933,
122.4866

■ 3.3876, 2.3101,
15.5568

■ 77.0796, 70.0819,
155.5396

■ 1.3619, 0.7790,
9.0601

■ 100.4931, 92.5312,
194.0605

■ 0.2288, 0.0000,
4.6831

128.2242,
119.3255, 238.4679

■ 0.0000, 0.0000,
2.0071

160.6381,

■ 0.0000, 0.0000,

150.8493, 289.1803

0.5596

198.1004,
187.4871, 346.6162

■ 0.0000, 0.0000,
0.0000

■ 19.2944, 16.0477,
51.9498

■ 19.2944, 16.0477,
51.9498

■ 15.8899, 11.9164,
51.3322

■ 23.5801, 21.2050,
52.7197

■ 13.3034, 8.7410,
50.8556

■ 28.8006, 27.4489,
53.6498

■ 11.4665, 6.4449,
50.5092

■ 35.0072, 34.8373,
54.7487

■ 10.2985, 4.9393,
50.2801

■ 42.2471, 43.4235,
56.0245

■ 9.6718, 4.1017,
50.1515

■ 50.5646, 53.2574,
57.4842

■ 9.6475, 4.0717,
50.1470

■ 60.0011, 64.3860,
59.1349

■ 70.5961, 76.8541,
60.9831

■ 82.3869, 90.7041,
63.0349

■ 86.5145, 96.5858,
63.9527

Harmonies

Analogous

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



14.4879, 16.0477, 56.7746



19.2944, 16.0477, 51.9498



23.6954, 16.0477, 36.4195

Triad

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



19.2944, 16.0477, 51.9498



20.9140, 16.0477, 3.8614



8.0326, 16.0477, 15.3382

Complementary

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



19.2944, 16.0477, 51.9498



41.4556, 47.1884, 18.2334

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.



9.0997, 16.0477, 6.5933



19.2944, 16.0477, 51.9498



16.0442, 16.0477, 2.4409

Square

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



19.2944, 16.0477, 51.9498



24.7545, 16.0477, 8.8210



11.8192, 16.0477, 3.1028



8.5594, 16.0477, 30.4777

Rectangle

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



19.2944, 16.0477, 51.9498



25.4823, 16.0477, 24.9062



11.8192, 16.0477, 3.1028



8.2092, 16.0477, 11.6892

Sweetspot

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



19.2951, 16.0482, 51.9502



68.7558, 69.4445, 100.1406



32.6075, 43.7722, 52.9995



14.1683, 14.2074, 21.3808



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.



19.2951, 16.0482, 51.9502



28.5400, 21.2849, 92.9645



24.2987, 17.7735, 52.0195



9.5782, 9.8478, 12.6808



6.5123, 2.7811, 33.7502



0.2993, 0.1561, 1.4642

Inverse Universe

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



28.4617, 20.7359, 15.3348



47.0969, 31.0634, 18.7754



33.7395, 45.1262, 18.2421



10.0984, 10.0880, 10.6088



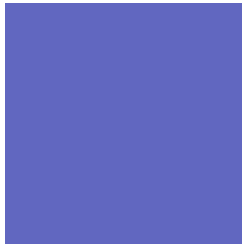
14.6831, 7.5630, 0.9772



0.6435, 0.3304, 0.0900

Previews

White Background



This preview shows how the XYZ color 19.2944, 16.0477, 51.9498 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 19.2944, 16.0477, 51.9498 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 19.2944, 16.0477, 51.9498

Background



This preview shows how black text looks on a background with the XYZ color 19.2944, 16.0477, 51.9498.



This preview shows how white text looks on a background with the XYZ color 19.2944, 16.0477,

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

19.2944, 16.0477, 51.9498

Protanopia

17.9664, 16.0584, 54.9760

Deuteranopia

16.5566, 16.0629, 50.9430



Tritanopia

13.3698, 16.0670, 22.4752

Trichromacy



Original Color

19.2944, 16.0477, 51.9498

Protanomaly

18.3126, 15.9537, 53.7439

Deuteranomaly

17.3269, 15.9641, 51.4584

Tritanomaly

15.1472, 15.9294, 31.5545

Monochromacy



Original Color

19.2944, 16.0477, 51.9498

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.0400, 15.6827, 26.9926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2944, 16.0477, 51.9498 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(97, 103, 192)` looks like.

```
.text, #text, p{  
    color:rgb(97, 103, 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(97, 103, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 103, 192) }
```

Border

The CSS property to change the border of an element to XYZ 19.2944, 16.0477, 51.9498 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(97, 103, 192) }
```


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

```
.border{ border-color:rgb(97, 103, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 103, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 103, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 103, 192);  
box-shadow:4px 4px 4px 4px rgb(97, 103,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2944, 16.0477, 51.9498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 103, 192) }
```

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

```
.background{ background-color: rgb(97, 103,  
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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