

Converting Colors

XYZ(19.2866, 16.0195, 52.9350)

Have a look what the booklet for
XYZ(19.2866, 16.0195, 52.9350)
contains.

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Color

**XYZ(19.3072, 16.0284,
53.1151)**

Conversions

Conversions Part 1

Format	Color
Hex	5F67C2
RGB	95, 103, 194
RGB Percent	37%, 40%, 76%
CMY	0.6274, 0.5961, 0.2392
CMYK	0.51, 0.47, 0.00, 0.24
HSL	235°, 45%, 57%
HSV	235°, 51%, 76%
XYZ	19.3072, 16.0284, 53.1151
YIQ	110.9820, -33.9790, 26.6050

Conversions

Conversions Part 2

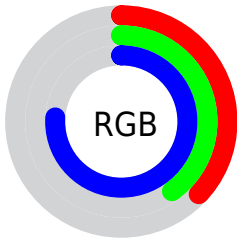
Format	Color
R _Y B	95, 102, 194
Decimal	6252482
CIE Lab	47.01, 22.32, -48.80
CIE LCh	47, 53.661, 294.577
Yxy	16.0284, 0.2183, 0.1812
Android (android.graphics.Color)	4284442562 (0xFF5F67C2)
YUV	110.9820, 40.9279, -14.0162
Hunter-Lab	40.0355, 16.0199, -50.6352

Details

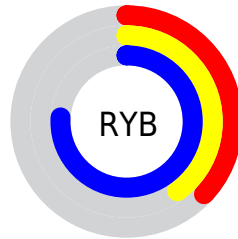
The XYZ color **19.3072, 16.0284, 53.1151** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **41.8740, 47.4156, 17.7729**, and the grayscale version is **14.9970, 15.7780, 17.1823**.

A 20% lighter version of the original color is **41.7307, 36.6555, 96.1426**, and **6.8075, 5.0619, 25.4292** is the 20% darker color. If you saturate the color by 10%, you get **15.9486, 11.9389, 52.5031**, and if you desaturate by 10%, it is **23.5472, 21.1342, 53.8775**.

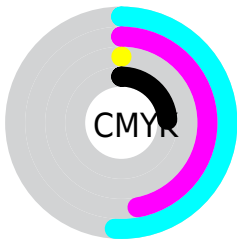
Distribution



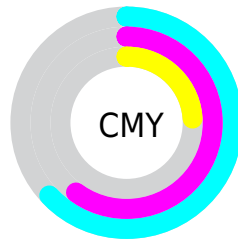
- Red (37%)
- Green (40%)
- Blue (76%)



- Red (37%)
- Yellow (40%)
- Blue (76%)



- Cyan (51%)
- Magenta (47%)
- Yellow (0%)
- Black (24%)



- Cyan (63%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3072, 16.0284, 53.1151 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 19.3072, 16.0284, 53.1151 by changing the saturation by 10% instead.

■ 19.3072, 16.0284,
53.1151

■ 19.3072, 16.0284,
53.1151

241.0452,
229.5092, 415.8054

■ 11.9978, 9.5443,
37.5063

■ 41.7654, 36.6475,
96.2170

■ 6.8144, 5.0978,
25.3009

■ 57.6449, 51.5512,
124.5471

■ 3.3916, 2.3048,
16.0803

■ 77.1119, 70.0303,
157.9548

■ 1.3641, 0.7762,
9.4260

■ 100.5316, 92.4691,
196.8586

■ 0.2304, 0.0000,
4.9195

128.2694,
119.2520, 241.6770

■ 0.0000, 0.0000,
2.1422

160.6907,

■ 0.0000, 0.0000,

150.7634, 292.8286

0.6407

198.1608,
187.3877, 350.7319

■ 0.0000, 0.0000,
0.0000

■ 19.3072, 16.0284,
53.1151

■ 19.3072, 16.0284,
53.1151

■ 15.9486, 11.9389,
52.5031

■ 23.5472, 21.1342,
53.8775

■ 13.4072, 8.7960,
52.0304

■ 28.7227, 27.3164,
54.7980

■ 11.6130, 6.5236,
51.6864

■ 34.8860, 34.6326,
55.8853

■ 10.4838, 5.0333,
51.4582

■ 42.0847, 43.1355,
57.1471

■ 9.9181, 4.2559,
51.3380

■ 50.3636, 52.8748,
58.5907

■ 59.7645, 63.8970,
60.2227

■ 70.3274, 76.2466,
62.0497

■ 82.0901, 89.9657,
64.0777

■ 86.7377, 96.6751,
65.1278

Harmonies

Analogous

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



14.3970, 16.0284, 57.9310



19.3072, 16.0284, 53.1151



23.8411, 16.0284, 37.1417

Triad

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



19.3072, 16.0284, 53.1151



21.0904, 16.0284, 3.7227



7.8974, 16.0284, 15.1205

Complementary

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



19.3072, 16.0284, 53.1151



41.8740, 47.4156, 17.7729

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.



8.9973, 16.0284, 6.3449



19.3072, 16.0284, 53.1151



16.1039, 16.0284, 2.2917

Square

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



19.3072, 16.0284, 53.1151



25.0099, 16.0284, 8.7547



11.7791, 16.0284, 2.9166



8.4099, 16.0284, 30.5689

Rectangle

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



19.3072, 16.0284, 53.1151



25.7022, 16.0284, 25.2725



11.7791, 16.0284, 2.9166



8.0825, 16.0284, 11.4387

Sweetspot

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



19.3079, 16.0289, 53.1155



70.5224, 71.3976, 102.5340



32.8482, 44.5516, 53.1837



14.8322, 14.9129, 22.3467



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



19.3079, 16.0289, 53.1155



28.4012, 21.0246, 95.0310



24.0249, 17.3359, 53.1192



9.5922, 9.8758, 12.6855



6.5458, 2.8481, 33.7614



0.3057, 0.1688, 1.4663

Inverse Universe

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



28.7892, 20.6341, 15.2976



47.5819, 30.7458, 18.4349



34.4479, 46.1584, 17.9216



10.1055, 10.0908, 10.6460



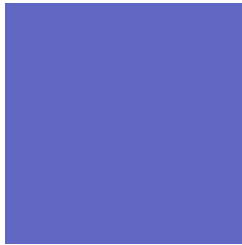
14.7000, 7.5697, 1.0663



0.6467, 0.3317, 0.1068

Previews

White Background



This preview shows how the XYZ color 19.3072, 16.0284, 53.1151 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 19.3072, 16.0284, 53.1151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

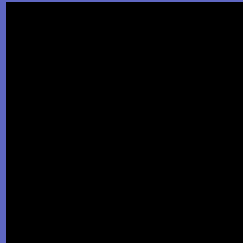
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.3072, 16.0284, 53.1151

Background



This preview shows how black text looks on a background with the XYZ color 19.3072, 16.0284, 53.1151.



This preview shows how white text looks on a background with the XYZ color 19.3072, 16.0284,

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

19.3072, 16.0284, 53.1151

Protanopia

18.0553, 16.0776, 56.1845

Deuteranopia

16.5752, 16.0471, 52.0930



Tritanopia

13.1988, 15.9712, 22.8092

Trichromacy



Original Color

19.3072, 16.0284, 53.1151

Protanomaly

18.3740, 15.9590, 54.9353

Deuteranomaly

17.3410, 15.9458, 52.6159

Tritanomaly

15.0523, 15.8711, 31.9758

Monochromacy



Original Color

19.3072, 16.0284, 53.1151

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.9960, 15.6515, 27.3773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3072, 16.0284, 53.1151 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(95, 103, 194)` looks like.

```
.text, #text, p{  
    color:rgb(95, 103, 194)  
}
```

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(95, 103, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 103, 194) }
```

Border

The CSS property to change the border of an element to XYZ 19.3072, 16.0284, 53.1151 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(95, 103, 194) }
```


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

```
.border{ border-color:rgb(95, 103, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 103, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 103, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 103, 194);  
box-shadow:4px 4px 4px 4px rgb(95, 103,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3072, 16.0284, 53.1151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 103, 194) }
```

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

```
.background{ background-color: rgb(95, 103,  
194) }
```

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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