

Converting Colors

XYZ(19.0916, 16.6307, 62.5254)

Have a look what the booklet for
XYZ(19.0916, 16.6307, 62.5254)
contains.

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Color

**XYZ(19.0916, 16.6307,
62.5254)**

Conversions

Conversions Part 1

Format	Color
Hex	406DD1
RGB	64, 109, 209
RGB Percent	25%, 43%, 82%
CMY	0.7490, 0.5725, 0.1804
CMYK	0.69, 0.48, 0.00, 0.18
HSL	221°, 61%, 54%
HSV	221°, 69%, 82%
XYZ	19.0916, 16.6307, 62.5254
YIQ	106.9450, -58.9200, 21.5600

Conversions

Conversions Part 2

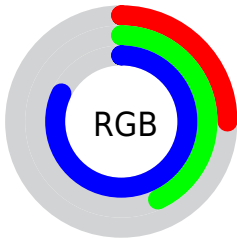
Format	Color
R_{YB}	64, 98, 209
Decimal	4222417
CIE _{Lab}	47.79, 17.86, -56.25
CIE _{LCh}	48, 59.020, 287.615
Yxy	16.6307, 0.1943, 0.1693
Android (android.graphics.Color)	4282412497 (0xFF406DD1)
YUV	106.9450, 50.3131, -37.6628
Hunter-Lab	40.7808, 12.1988, -62.3574

Details

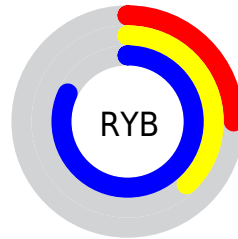
The XYZ color **19.0916, 16.6307, 62.5254** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **40.4974, 40.4798, 10.5308**, and the grayscale version is **13.8376, 14.5583, 15.8540**.

A 20% lighter version of the original color is **39.3732, 36.8736, 99.6499**, and **7.5554, 5.7783, 31.2890** is the 20% darker color. If you saturate the color by 10%, you get **16.5645, 13.2295, 62.0025**, and if you desaturate by 10%, it is **22.3813, 20.7997, 63.1571**.

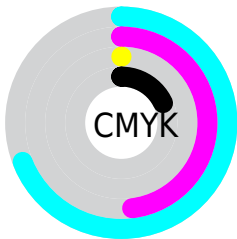
Distribution



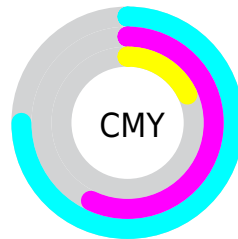
- Red (25%)
- Green (43%)
- Blue (82%)



- Red (25%)
- Yellow (38%)
- Blue (82%)



- Cyan (69%)
- Magenta (48%)
- Yellow (0%)
- Black (18%)



- Cyan (75%)
- Magenta (57%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0916, 16.6307, 62.5254 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 19.0916, 16.6307, 62.5254 by changing the saturation by 10% instead.

■ 19.0916, 16.6307,
62.5254

■ 19.0916, 16.6307,
62.5254

239.8824,
233.0351, 451.9055

■ 11.8409, 9.9715,
45.0188

■ 41.4045, 37.6897,
110.0635

■ 6.7068, 5.3801,
31.1292

■ 57.1974, 52.8584,
140.9321

■ 3.3241, 2.4720,
20.4380

■ 76.5684, 71.6323,
177.0917

■ 1.3274, 0.8625,
12.5266

■ 99.8829, 94.3959,
218.9611

■ 0.2036, 0.0000,
6.9765

■ 127.5061,
121.5336, 266.9586

■ 0.0000, 0.0000,
3.3692

159.8036,

■ 0.0000, 0.0000,

153.4298, 321.5028

1.2861

197.1405,
190.4688, 383.0122

■ 0.0000, 0.0000,
0.0504

■ 0.0000, 0.0000,
0.0000

■ 19.0916, 16.6307,
62.5254

■ 19.0916, 16.6307,
62.5254

■ 16.5645, 13.2295,
62.0025

■ 22.3813, 20.7997,
63.1571

■ 14.7254, 10.5389,
61.5801

■ 26.4940, 25.7842,
63.9024

■ 13.4591, 8.4800,
61.2494

■ 31.4858, 31.6292,
64.7675

■ 13.3906, 8.3673,
61.2313

■ 37.4072, 38.3758,
65.7577

■ 44.3047, 46.0621,
66.8778

■ 52.2214, 54.7243,
68.1325

■ 61.1979, 64.3960,
69.5262

■ 71.2725, 75.1096,
71.0631

■ 82.4815, 86.8959,
72.7473

Harmonies

Analogous

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



13.7228, 16.6307, 64.1112



19.0916, 16.6307, 62.5254



24.5802, 16.6307, 45.7249

Triad

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



19.0916, 16.6307, 62.5254



23.7093, 16.6307, 3.9830



7.8038, 16.6307, 12.5475

Complementary

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



19.0916, 16.6307, 62.5254



40.4974, 40.4798, 10.5308

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.



9.4177, 16.6307, 4.7083



19.0916, 16.6307, 62.5254



18.0922, 16.6307, 1.9514

Square

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



19.0916, 16.6307, 62.5254



27.6286, 16.6307, 10.6415



12.9225, 16.6307, 2.1115



7.9549, 16.6307, 28.4395

Rectangle

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



19.0916, 16.6307, 62.5254



27.2102, 16.6307, 31.6331



12.9225, 16.6307, 2.1115



8.1397, 16.6307, 9.1205

Sweetspot

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



19.0923, 16.6312, 62.5258



67.3473, 69.8775, 104.5459



31.5342, 49.3390, 42.5524



13.7522, 14.2205, 22.2700



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.



19.0923, 16.6312, 62.5258



24.5324, 18.6841, 96.9211



17.6167, 10.4747, 61.4153



11.4587, 12.0076, 14.9574



8.3339, 5.3144, 37.7790



0.5364, 0.4379, 2.1358

Inverse Universe

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



30.8889, 18.3273, 16.3777



44.8784, 24.1180, 16.7653



43.1167, 55.9676, 13.3822



11.9577, 11.8678, 13.0529



16.8373, 8.6078, 4.0494



0.9770, 0.4955, 0.4135

Previews

White Background



This preview shows how the XYZ color 19.0916, 16.6307, 62.5254 looks on a white background.

Color Contrast Check

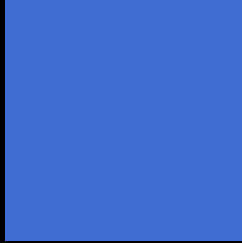
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0916, 16.6307, 62.5254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

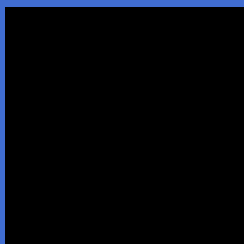
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

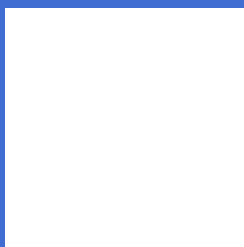
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0916, 16.6307, 62.5254

Background



This preview shows how black text looks on a background with the XYZ color 19.0916, 16.6307, 62.5254.



This preview shows how white text looks on a background with the XYZ color 19.0916, 16.6307,

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

19.0916, 16.6307, 62.5254

Protanopia

18.9017, 16.5328, 62.5165

Deuteranopia

16.9102, 16.5733, 58.8076



Tritanopia

11.7068, 16.4165, 25.4734

Trichromacy



Original Color

19.0916, 16.6307, 62.5254

Protanomaly

18.9639, 16.5649, 62.5194

Deuteranomaly

17.2779, 16.4002, 60.0125

Tritanomaly

13.4718, 15.9844, 36.5577

Monochromacy



Original Color

19.0916, 16.6307, 62.5254

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.7110, 14.9629, 28.4983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0916, 16.6307, 62.5254 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(64, 109, 209)` looks like.

```
.text, #text, p{  
    color:rgb(64, 109, 209)  
}
```

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(64, 109, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 109, 209) }
```

Border

The CSS property to change the border of an element to XYZ 19.0916, 16.6307, 62.5254 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(64, 109, 209) }
```


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

```
.border{ border-color:rgb(64, 109, 209) }
```

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

Here you see how a box with a 4 pixel rgb(64, 109, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 109, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 109, 209);  
box-shadow:4px 4px 4px 4px rgb(64, 109,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0916, 16.6307, 62.5254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 109, 209) }
```

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

```
.background{ background-color: rgb(64, 109,  
209) }
```

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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