

Converting Colors

XYZ(19.6523, 15.0239, 60.5611)

Have a look what the booklet for
XYZ(19.6523, 15.0239, 60.5611)
contains.

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Color

**XYZ(19.6378, 15.0461,
60.2617)**

Conversions

Conversions Part 1

Format	Color
Hex	5B60CE
RGB	91, 96, 206
RGB Percent	36%, 38%, 81%
CMY	0.6431, 0.6235, 0.1922
CMYK	0.56, 0.53, 0.00, 0.19
HSL	237°, 54%, 58%
HSV	237°, 56%, 81%
XYZ	19.6378, 15.0461, 60.2617
YIQ	107.0450, -38.2900, 33.1500

Conversions

Conversions Part 2

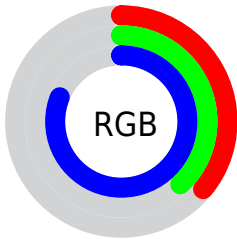
Format	Color
R_{YB}	91, 96, 206
Decimal	5988558
CIE _{Lab}	45.70, 29.65, -57.83
CIE _{LCh}	46, 64.991, 297.146
Yxy	15.0461, 0.2068, 0.1585
Android (android.graphics.Color)	4284178638 (0xFF5B60CE)
YUV	107.0450, 48.7848, -14.0715
Hunter-Lab	38.7893, 22.4876, -64.9584

Details

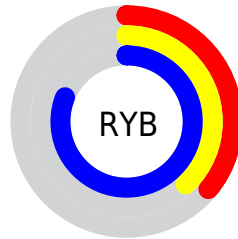
The XYZ color **19.6378, 15.0461, 60.2617** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **48.2301, 55.6529, 18.0988**, and the grayscale version is **13.8649, 14.5870, 15.8852**.

A 20% lighter version of the original color is **40.7233, 34.1673, 99.0563**, and **6.9951, 4.6540, 29.8078** is the 20% darker color. If you saturate the color by 10%, you get **16.3006, 10.9832, 59.6537**, and if you desaturate by 10%, it is **23.9842, 20.2983, 61.0467**.

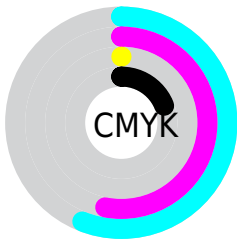
Distribution



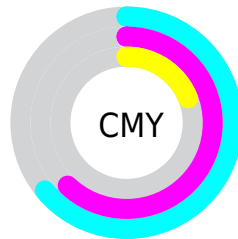
- Red (36%)
- Green (38%)
- Blue (81%)



- Red (36%)
- Yellow (38%)
- Blue (81%)



- Cyan (56%)
- Magenta (53%)
- Yellow (0%)
- Black (19%)



- Cyan (64%)
- Magenta (62%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6378, 15.0461, 60.2617 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 19.6378, 15.0461, 60.2617 by changing the saturation by 10% instead.

■ 19.6378, 15.0461,
60.2617

■ 19.6378, 15.0461,
60.2617

242.8186,
223.6451, 443.3931

■ 12.2388, 8.8517,
43.2029

■ 42.3177, 34.9340,
106.7563

■ 6.9799, 4.6446,
29.7118

■ 58.3292, 49.3964,
137.0292

■ 3.4957, 2.0403,
19.3697

■ 77.9424, 67.3836,
172.5439

■ 1.4210, 0.6307,
11.7582

■ 101.5224, 89.2799,
213.7189

■ 0.2711, 0.0000,
6.4587

129.4346,
115.4698, 260.9728

■ 0.0000, 0.0000,
3.0527

162.0445,

■ 0.0000, 0.0000,

146.3378, 314.7241

1.1216

199.7174,
182.2680, 375.3914

■ 0.0000, 0.0000,
0.0000

■ 19.6378, 15.0461,
60.2617

■ 19.6378, 15.0461,
60.2617

■ 16.3006, 10.9832,
59.6537

■ 23.9842, 20.2983,
61.0467

■ 13.8894, 8.0153,
59.2079

■ 29.4100, 26.8213,
62.0198

■ 12.3112, 6.0365,
58.9092

■ 35.9815, 34.6911,
63.1925

■ 11.4516, 4.9183,
58.7386

■ 43.7593, 43.9773,
64.5750

■ 11.2378, 4.6505,
58.6982

■ 52.7994, 54.7447,
66.1768

■ 63.1546, 67.0542,
68.0070

■ 74.8744, 80.9632,
70.0740

■ 87.7090, 96.3729,
72.3720

■ 88.1406, 97.2363,
72.5158

Harmonies

Analogous

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



13.7851, 15.0461, 68.3953



19.6378, 15.0461, 60.2617



25.0405, 15.0461, 38.6685

Triad

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



19.6378, 15.0461, 60.2617



20.7763, 15.0461, 1.8894



6.1771, 15.0461, 14.9324

Complementary

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



19.6378, 15.0461, 60.2617



48.2301, 55.6529, 18.0988

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.



7.1776, 15.0461, 4.8954



19.6378, 15.0461, 60.2617



14.8293, 15.0461, 0.9703

Square

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



19.6378, 15.0461, 60.2617



25.8067, 15.0461, 6.1466



10.0307, 15.0461, 1.5568



6.8529, 15.0461, 34.2567

Rectangle

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



19.6378, 15.0461, 60.2617



27.1517, 15.0461, 24.0120



10.0307, 15.0461, 1.5568



6.3210, 15.0461, 10.5692

Sweetspot

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



19.6385, 15.0466, 60.2621



69.0292, 69.0223, 104.2921



36.8410, 50.5492, 62.6126



14.2039, 14.0921, 22.2214



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.



19.6385, 15.0466, 60.2621



25.5098, 16.6921, 96.4851



26.1672, 17.7570, 60.4412



10.6402, 10.9208, 14.1175



6.9382, 2.9003, 36.1504



0.3719, 0.1776, 1.8696

Inverse Universe

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



31.3066, 21.4495, 13.5567



46.3351, 28.3892, 13.0649



37.3346, 51.7932, 17.9281



11.2317, 11.2214, 11.7550



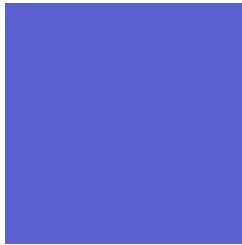
15.7130, 8.0958, 0.9412



0.8177, 0.4205, 0.0858

Previews

White Background



This preview shows how the XYZ color 19.6378, 15.0461, 60.2617 looks on a white background.

Color Contrast Check

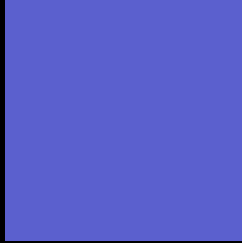
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6378, 15.0461, 60.2617 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 19.6378, 15.0461, 60.2617

Background



This preview shows how black text looks on a background with the XYZ color 19.6378, 15.0461, 60.2617.



This preview shows how white text looks on a background with the XYZ color 19.6378, 15.0461,

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

19.6378, 15.0461, 60.2617

Protanopia

17.9092, 15.1643, 66.2731

Deuteranopia

15.2016, 15.0021, 52.5466



Tritanopia

11.9358, 14.9892, 22.0028

Trichromacy



Original Color

19.6378, 15.0461, 60.2617

Protanomaly

18.1129, 14.8731, 64.2035

Deuteranomaly

15.8718, 14.5037, 55.3890

Tritanomaly

14.0575, 14.6816, 33.1033

Monochromacy



Original Color

19.6378, 15.0461, 60.2617

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.1750, 14.4504, 27.9760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6378, 15.0461, 60.2617 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, 96, 206)` looks like.

```
.text, #text, p{  
    color:rgb(91, 96, 206)  
}
```

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, 96, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 96, 206) }
```

Border

The CSS property to change the border of an element to XYZ 19.6378, 15.0461, 60.2617 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, 96, 206) }
```


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

```
.border{ border-color:rgb(91, 96, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 96, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 96, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 96, 206);  
box-shadow:4px 4px 4px 4px rgb(91, 96,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6378, 15.0461, 60.2617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 96, 206) }
```

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

```
.background{ background-color: rgb(91, 96,  
206) }
```

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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