

Converting Colors

XYZ(19.2735, 16.5813, 61.8592)

Have a look what the booklet for
XYZ(19.2735, 16.5813, 61.8592)
contains.

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Color

**XYZ(19.2735, 16.5813,
61.8592)**

Conversions

Conversions Part 1

Format	Color
Hex	466CD0
RGB	70, 108, 208
RGB Percent	27%, 42%, 82%
CMY	0.7255, 0.5765, 0.1843
CMYK	0.66, 0.48, 0.00, 0.18
HSL	223°, 59%, 55%
HSV	223°, 66%, 82%
XYZ	19.2735, 16.5813, 61.8592
YIQ	108.0380, -54.7480, 23.0440

Conversions

Conversions Part 2

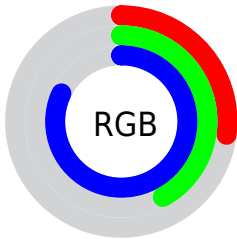
Format	Color
R _Y B	70, 100, 208
Decimal	4615376
CIE Lab	47.73, 19.06, -55.77
CIE LCh	48, 58.936, 288.868
Yxy	16.5813, 0.1972, 0.1697
Android (android.graphics.Color)	4282805456 (0xFF466CD0)
YUV	108.0380, 49.2813, -33.3593
Hunter-Lab	40.7201, 13.2267, -61.5651

Details

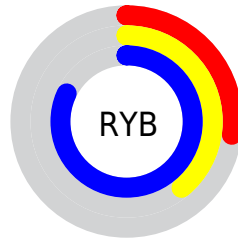
The XYZ color **19.2735, 16.5813, 61.8592** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **41.4944, 42.6044, 11.8321**, and the grayscale version is **14.1426, 14.8791, 16.2034**.

A 20% lighter version of the original color is **39.9639, 36.9218, 99.6280**, and **7.4185, 5.6374, 30.8341** is the 20% darker color. If you saturate the color by 10%, you get **16.5699, 13.0283, 61.3163**, and if you desaturate by 10%, it is **22.7728, 20.9528, 62.5189**.

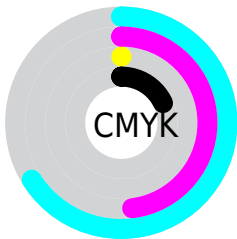
Distribution



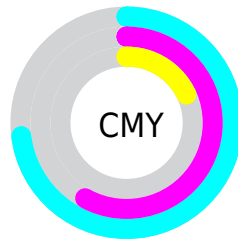
- Red (27%)
- Green (42%)
- Blue (82%)



- Red (27%)
- Yellow (39%)
- Blue (82%)



- Cyan (66%)
- Magenta (48%)
- Yellow (0%)
- Black (18%)



- Cyan (73%)
- Magenta (58%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2735, 16.5813, 61.8592 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 19.2735, 16.5813, 61.8592 by changing the saturation by 10% instead.

■ 19.2735, 16.5813,
61.8592

■ 19.2735, 16.5813,
61.8592

240.8637,
232.7478, 449.4108

■ 11.9732, 9.9364,
44.4839

■ 41.7090, 37.6045,
109.0916

■ 6.7975, 5.3568,
30.7111

■ 57.5751, 52.7515,
139.7858

■ 3.3810, 2.4581,
20.1224

■ 77.0270, 71.5015,
175.7567

■ 1.3583, 0.8555,
12.2991

■ 100.4303, 94.2387,
217.4229

■ 0.2262, 0.0000,
6.8227

■ 128.1503,
121.3475, 265.2028

■ 0.0000, 0.0000,
3.2747

160.5523,

■ 0.0000, 0.0000,

153.2124, 319.5151

1.2365

198.0016,
190.2177, 380.7782

■ 0.0000, 0.0000,
0.0089

■ 0.0000, 0.0000,
0.0000

■ 19.2735, 16.5813,
61.8592

■ 19.2735, 16.5813,
61.8592

■ 16.5699, 13.0283,
61.3163

■ 22.7728, 20.9528,
62.5189

■ 14.5894, 10.2349,
60.8815

■ 27.1272, 26.1924,
63.3008

■ 13.2459, 8.1340,
60.5468

■ 32.3922, 32.3473,
64.2113

■ 12.8617, 7.5070,
60.4460

■ 38.6183, 39.4605,
65.2561

■ 45.8519, 47.5723,
66.4406

■ 54.1362, 56.7204,
67.7697

■ 63.5121, 66.9406,
69.2483

■ 74.0180, 78.2671,
70.8808

■ 84.8737, 90.3110,
72.6333

Harmonies

Analogous

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



13.8816, 16.5813, 64.1939



19.2735, 16.5813, 61.8592



24.7019, 16.5813, 44.7000

Triad

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



19.2735, 16.5813, 61.8592



23.4188, 16.5813, 3.8221



7.7550, 16.5813, 13.0061

Complementary

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



19.2735, 16.5813, 61.8592



41.4944, 42.6044, 11.8321

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.



9.2877, 16.5813, 4.8937



19.2735, 16.5813, 61.8592



17.8007, 16.5813, 1.9191

Square

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



19.2735, 16.5813, 61.8592



27.4398, 16.5813, 10.1944



12.7018, 16.5813, 2.1559



7.9780, 16.5813, 29.1736

Rectangle

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



19.2735, 16.5813, 61.8592



27.2419, 16.5813, 30.6836



12.7018, 16.5813, 2.1559



8.0653, 16.5813, 9.4754

Sweetspot

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



19.2742, 16.5818, 61.8596



68.0341, 70.2218, 104.5761



32.2346, 49.2753, 45.3003



13.8673, 14.2508, 22.2697



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.



19.2742, 16.5818, 61.8596



24.6904, 18.4741, 96.8723



18.8210, 11.6393, 60.9295



11.4248, 11.9399, 14.9461



8.0861, 4.8188, 37.6964



0.5191, 0.4034, 2.1301

Inverse Universe

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



30.9101, 18.8740, 16.2015



45.0865, 24.6927, 16.3459



42.0453, 55.0314, 14.2017



11.9406, 11.8610, 12.9629



16.7122, 8.5577, 3.3908



0.9683, 0.4920, 0.3677

Previews

White Background



This preview shows how the XYZ color 19.2735, 16.5813, 61.8592 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 19.2735, 16.5813, 61.8592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

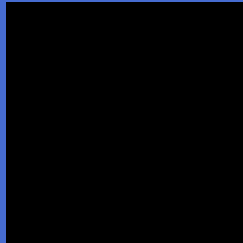
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.2735, 16.5813, 61.8592

Background



This preview shows how black text looks on a background with the XYZ color 19.2735, 16.5813, 61.8592.



This preview shows how white text looks on a background with the XYZ color 19.2735, 16.5813,

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

19.2735, 16.5813, 61.8592

Protanopia

18.8407, 16.5014, 62.5137

Deuteranopia

16.9102, 16.5733, 58.8076



Tritanopia

11.8584, 16.4947, 25.4805

Trichromacy



Original Color

19.2735, 16.5813, 61.8592

Protanomaly

19.0916, 16.6307, 62.5254

Deuteranomaly

17.2145, 16.2028, 59.9778

Tritanomaly

13.7456, 16.1256, 36.5705

Monochromacy



Original Color

19.2735, 16.5813, 61.8592

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.0127, 15.1184, 28.5125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2735, 16.5813, 61.8592 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(70, 108, 208)` looks like.

```
.text, #text, p{  
    color:rgb(70, 108, 208)  
}
```

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(70, 108, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 108, 208) }
```

Border

The CSS property to change the border of an element to XYZ 19.2735, 16.5813, 61.8592 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(70, 108, 208) }
```


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

```
.border{ border-color:rgb(70, 108, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 108, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 108, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 108, 208);  
box-shadow:4px 4px 4px 4px rgb(70, 108,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2735, 16.5813, 61.8592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 108, 208) }
```

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

```
.background{ background-color: rgb(70, 108,  
208) }
```

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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