

Converting Colors

XYZ(15.6204, 6.7111, 69.4740)

Have a look what the booklet for
XYZ(15.6204, 6.7111, 69.4740)
contains.

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Color

**XYZ(15.6192, 6.7066,
69.5785)**

Conversions

Conversions Part 1

Format	Color
Hex	430BDE
RGB	67, 11, 222
RGB Percent	26%, 4%, 87%
CMY	0.7372, 0.9569, 0.1294
CMYK	0.70, 0.95, 0.00, 0.13
HSL	256°, 91%, 46%
HSV	256°, 95%, 87%
XYZ	15.6192, 6.7066, 69.5785
YIQ	51.7980, -34.3550, 77.4930

Conversions

Conversions Part 2

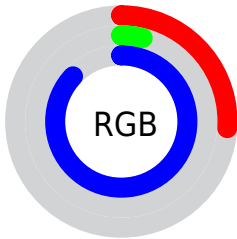
Format	Color
R _Y B	67, 11, 222
Decimal	4393950
CIE Lab	31.13, 70.73, -91.01
CIE LCh	31, 115.259, 307.852
Yxy	6.7066, 0.1700, 0.0730
Android (android.graphics.Color)	4282584030 (0xFF430BDE)
YUV	51.7980, 83.9096, 13.3322
Hunter-Lab	25.8971, 62.3379, -141.1682

Details

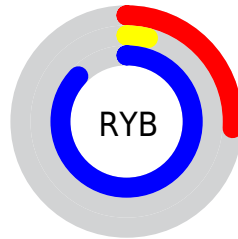
The XYZ color **15.6192, 6.7066, 69.5785** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **41.9035, 60.3717, 9.7606**, and the grayscale version is **3.1473, 3.3113, 3.6060**.

A 20% lighter version of the original color is **31.0473, 17.6554, 96.3792**, and **6.7915, 2.7166, 35.7637** is the 20% darker color. If you saturate the color by 10%, you get **14.9848, 6.2018, 69.5148**, and if you desaturate by 10%, it is **17.3292, 8.2256, 69.7818**.

Distribution



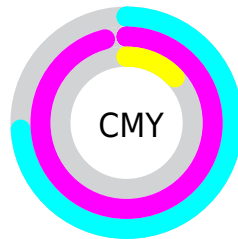
- Red (26%)
- Green (4%)
- Blue (87%)



- Red (26%)
- Yellow (4%)
- Blue (87%)



- Cyan (70%)
- Magenta (95%)
- Yellow (0%)
- Black (13%)



- Cyan (74%)
- Magenta (96%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6192, 6.7066, 69.5785 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 15.6192, 6.7066, 69.5785 by changing the saturation by 10% instead.

■ 15.6192, 6.7066,
69.5785

■ 15.6192, 6.7066,
69.5785

220.3989,
165.2030, 477.8177

■ 9.3442, 3.2793,
50.7083

■ 35.4987, 19.3805,
120.2829

■ 5.0253, 1.2792,
35.6014

■ 49.8338, 29.3959,
152.9543

■ 2.2970, 0.1250,
23.8393

■ 67.5865, 42.3761,
191.0631

■ 0.7931, 0.0000,
15.0033

■ 89.1219, 58.7055,
235.0278

■ 0.0000, 0.0000,
8.6751

■ 114.8056, 78.7685,
285.2672

■ 0.0000, 0.0000,
4.4360


■ 145.0027,

■ 0.0000, 0.0000,


102.9495, 342.1995


1.8674

 180.0787,
131.6328, 406.2436

 0.0000, 0.0000,
0.4719


 0.0000, 0.0000,
0.0000


 15.6192, 6.7066,
69.5785


 15.6192, 6.7066,
69.5785

 14.9848, 6.2018,
69.5148

 17.3292, 8.2256,
69.7818

 19.7834, 10.7312,
70.1361

 23.0730, 14.3726,
70.6656

 27.2742, 19.2724,
71.3899

■ 32.4538, 25.5368,
72.3261

■ 38.6720, 33.2608,
73.4892

■ 45.9840, 42.5304,
74.8931

■ 54.4407, 53.4252,
76.5502

■ 64.0901, 66.0188,
78.4725

Harmonies

Analogous

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



7.9745, 6.7066, 101.5986



15.6192, 6.7066, 69.5785



22.6301, 6.7066, 26.3990

Triad

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



15.6192, 6.7066, 69.5785



11.4024, 6.7066, 0.0000



0.4882, 6.7066, 12.4229

Complementary

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



15.6192, 6.7066, 69.5785



41.9035, 60.3717, 9.7606

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.



0.6695, 6.7066, 0.7144



15.6192, 6.7066, 69.5785



5.0041, 6.7066, 0.0000

Square

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



15.6192, 6.7066, 69.5785



19.3531, 6.7066, 0.0000



1.7655, 6.7066, 0.0000



1.0721, 6.7066, 47.7809

Rectangle

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



15.6192, 6.7066, 69.5785



24.5262, 6.7066, 8.5303



1.7655, 6.7066, 0.0000



0.4638, 6.7066, 6.1983

Sweetspot

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



15.6198, 6.7067, 69.5787



58.5862, 52.6616, 101.6846



27.5568, 33.8131, 74.1817



11.6376, 10.1308, 21.5920



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.



15.6198, 6.7067, 69.5787



20.4129, 8.4381, 95.1606



29.7198, 13.9755, 70.2386



13.2916, 13.4184, 17.2771



8.9906, 3.7301, 41.2945



0.7068, 0.3017, 2.8662

Inverse Universe

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



37.1250, 18.5212, 37.6852



50.2420, 24.8608, 49.3338



28.2793, 53.3482, 9.1230



14.1316, 13.8703, 16.4629



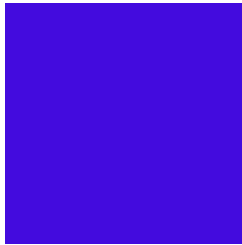
21.8715, 10.8156, 21.7869



1.5524, 0.7642, 1.7019

Previews

White Background



This preview shows how the XYZ color 15.6192, 6.7066, 69.5785 looks on a white background.

Color Contrast Check

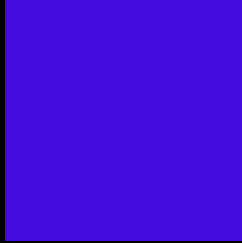
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 15.6192, 6.7066, 69.5785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

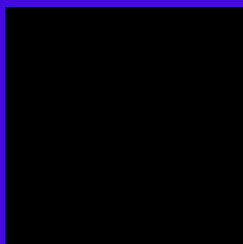
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.6192, 6.7066, 69.5785

Background



This preview shows how black text looks on a background with the XYZ color 15.6192, 6.7066, 69.5785.



This preview shows how white text looks on a background with the XYZ color 15.6192, 6.7066,

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

15.6192, 6.7066, 69.5785

Protanopia

7.7583, 6.7085, 29.7401

Deuteranopia

6.4152, 6.7012, 21.0340



Tritanopia

4.7376, 6.7227, 10.0647

Trichromacy



Original Color

15.6192, 6.7066, 69.5785

Protanomaly

9.3115, 5.5254, 41.6500

Deuteranomaly

8.1263, 5.2588, 34.7692

Tritanomaly

6.2348, 4.8001, 23.8905

Monochromacy



Original Color

15.6192, 6.7066, 69.5785

Achromatopsia

3.2640, 3.4340, 3.7396

Achromatomaly

5.3862, 3.4079, 16.2935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6192, 6.7066, 69.5785 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(67, 11, 222)` looks like.

```
.text, #text, p{  
    color:rgb(67, 11, 222)  
}
```

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(67, 11, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 11, 222) }
```

Border

The CSS property to change the border of an element to XYZ 15.6192, 6.7066, 69.5785 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(67, 11, 222) }
```


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

```
.border{ border-color:rgb(67, 11, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 11, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 11, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 11, 222);  
box-shadow:4px 4px 4px 4px rgb(67, 11,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6192, 6.7066, 69.5785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 11, 222) }
```

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

```
.background{ background-color: rgb(67, 11,  
222) }
```

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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