

Converting Colors

XYZ(15.9243, 7.2915, 61.5417)

Have a look what the booklet for
XYZ(15.9243, 7.2915, 61.5417)
contains.

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Color

**XYZ(15.9443, 7.3017,
61.5418)**

Conversions

Conversions Part 1

Format	Color
Hex	5816D2
RGB	88, 22, 210
RGB Percent	35%, 9%, 82%
CMY	0.6549, 0.9137, 0.1765
CMYK	0.58, 0.90, 0.00, 0.18
HSL	261°, 81%, 45%
HSV	261°, 90%, 82%
XYZ	15.9443, 7.3017, 61.5418
YIQ	63.1660, -21.0120, 72.4600

Conversions

Conversions Part 2

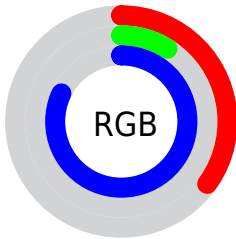
Format	Color
R _Y B	88, 22, 210
Decimal	5773010
CIE Lab	32.48, 66.77, -81.77
CIE LCh	32, 105.568, 309.236
Yxy	7.3017, 0.1880, 0.0861
Android (android.graphics.Color)	4283963090 (0xFF5816D2)
YUV	63.1660, 72.3892, 21.7794
Hunter-Lab	27.0217, 58.0372, -116.1178

Details

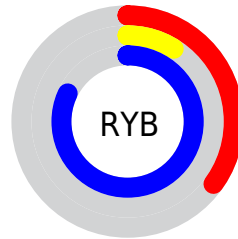
The XYZ color **15.9443, 7.3017, 61.5418** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **34.6912, 52.0796, 8.9828**, and the grayscale version is **4.6483, 4.8904, 5.3256**.

A 20% lighter version of the original color is **33.7549, 19.6842, 96.6281**, and **5.8327, 2.3331, 30.7148** is the 20% darker color. If you saturate the color by 10%, you get **14.4971, 6.1457, 61.3952**, and if you desaturate by 10%, it is **17.9346, 9.1840, 61.8004**.

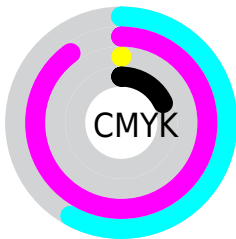
Distribution



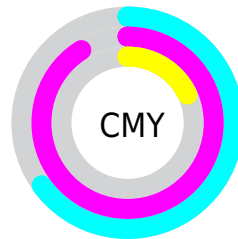
- Red (35%)
- Green (9%)
- Blue (82%)



- Red (35%)
- Yellow (9%)
- Blue (82%)



- Cyan (58%)
- Magenta (90%)
- Yellow (0%)
- Black (18%)



- Cyan (65%)
- Magenta (91%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9443, 7.3017, 61.5418 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 15.9443, 7.3017, 61.5418 by changing the saturation by 10% instead.

■ 15.9443, 7.3017,
61.5418

■ 15.9443, 7.3017,
61.5418

222.2897,
170.1476, 448.2192

■ 9.5753, 3.6515,
44.2292

■ 36.0597, 20.5776,
108.6282

■ 5.1784, 1.4806,
30.5122

■ 50.5369, 30.9721,
139.2390

■ 2.3882, 0.2750,
19.9723

■ 68.4475, 44.3835,
175.1197

■ 0.8392, 0.0000,
12.1911

■ 90.1569, 61.1962,
216.6887

■ 0.0000, 0.0000,
6.7498

■ 116.0305, 81.7945,
264.3646


■ 0.0000, 0.0000,
3.2301

■ 146.4335,

■ 0.0000, 0.0000,

106.5629, 318.5660

1.2133

 181.7315,
135.8858, 379.7113

 0.0000, 0.0000,
0.0000

 15.9443, 7.3017,
61.5418


 15.9443, 7.3017,
61.5418


 14.4971, 6.1457,
61.3952


 17.9346, 9.1840,
61.8004

 14.4365, 6.0985,
61.3893

 20.5705, 11.9819,
62.2016

 23.9171, 15.8077,
62.7636

 28.0301, 20.7566,
63.5021

 32.9591, 26.9127,
64.4306

■ 38.7492, 34.3517,
65.5612

■ 45.4422, 43.1431,
66.9054

■ 53.0766, 53.3513,
68.4734

■ 61.6889, 65.0364,
70.2749

Harmonies

Analogous

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



8.7686, 7.3017, 90.1380



15.9443, 7.3017, 61.5418



22.1507, 7.3017, 24.1234

Triad

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



15.9443, 7.3017, 61.5418



11.3763, 7.3017, 0.0000



0.8748, 7.3017, 13.8307

Complementary

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



15.9443, 7.3017, 61.5418



34.6912, 52.0796, 8.9828

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.



1.0196, 7.3017, 1.3393



15.9443, 7.3017, 61.5418



5.3852, 7.3017, 0.0000

Square

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



15.9443, 7.3017, 61.5418



18.6893, 7.3017, 0.0000



2.1868, 7.3017, 0.0000



1.5655, 7.3017, 46.2726

Rectangle

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



15.9443, 7.3017, 61.5418



23.6627, 7.3017, 8.3589



2.1868, 7.3017, 0.0000



0.8412, 7.3017, 7.5553

Sweetspot

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



15.9448, 7.3018, 61.5420



62.3112, 56.1503, 102.1617



21.9671, 24.8304, 64.6080



12.6171, 11.0815, 21.7239



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.



15.9448, 7.3018, 61.5420



22.2212, 9.3703, 95.2452



31.1638, 15.1475, 62.2543



11.5497, 11.6167, 14.8772



8.9050, 3.7710, 37.4510



0.5829, 0.2547, 2.0980

Inverse Universe

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



31.8985, 16.2886, 27.8442



48.0741, 23.9936, 37.9177



24.5166, 46.8344, 8.5066



12.1272, 11.9356, 13.9455



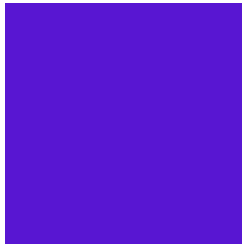
18.9839, 9.4664, 15.3534



1.0983, 0.5440, 1.0524

Previews

White Background



This preview shows how the XYZ color 15.9443, 7.3017, 61.5418 looks on a white background.

Color Contrast Check

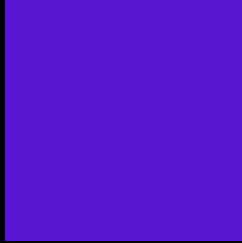
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9443, 7.3017, 61.5418 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 15.9443, 7.3017, 61.5418

Background



This preview shows how black text looks on a background with the XYZ color 15.9443, 7.3017, 61.5418.



This preview shows how white text looks on a background with the XYZ color 15.9443, 7.3017,

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

15.9443, 7.3017, 61.5418

Protanopia

8.4495, 7.2979, 32.4158

Deuteranopia

7.0296, 7.2854, 23.2260



Tritanopia

5.7380, 7.3368, 10.7866

Trichromacy



Original Color

15.9443, 7.3017, 61.5418

Protanomaly

9.7983, 6.1740, 41.7496

Deuteranomaly

8.5417, 5.9064, 34.4081

Tritanomaly

7.6027, 5.8995, 23.2923

Monochromacy



Original Color

15.9443, 7.3017, 61.5418

Achromatopsia

4.7246, 4.9707, 5.4130

Achromatomaly

6.8818, 4.7526, 17.0776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9443, 7.3017, 61.5418 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(88, 22, 210)` looks like.

```
.text, #text, p{  
    color:rgb(88, 22, 210)  
}
```

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(88, 22, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 22, 210) }
```

Border

The CSS property to change the border of an element to XYZ 15.9443, 7.3017, 61.5418 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(88, 22, 210) }
```


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

```
.border{ border-color:rgb(88, 22, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 22, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 22, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 22, 210);  
box-shadow:4px 4px 4px 4px rgb(88, 22,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9443, 7.3017, 61.5418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 22, 210) }
```

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

```
.background{ background-color: rgb(88, 22,  
210) }
```

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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