

Converting Colors

XYZ(15.4030, 6.4937, 66.0879)

Have a look what the booklet for
XYZ(15.4030, 6.4937, 66.0879)
contains.

XYZ(15.4260, 6.5056, 66.0883)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.4260, 6.5056,
66.0883)**

Conversions

Conversions Part 1

Format	Color
Hex	4B00D9
RGB	75, 0, 217
RGB Percent	29%, 0%, 85%
CMY	0.7059, 1.0000, 0.1490
CMYK	0.65, 1.00, 0.00, 0.15
HSL	261°, 100%, 43%
HSV	261°, 100%, 85%
XYZ	15.4260, 6.5056, 66.0883
YIQ	47.1630, -24.9570, 83.3870

Conversions

Conversions Part 2

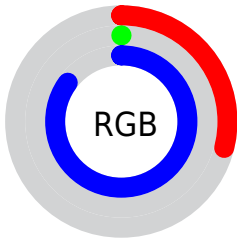
Format	Color
R _Y B	75, 0, 217
Decimal	4915417
CIE Lab	30.65, 71.64, -88.90
CIE LCh	31, 114.173, 308.864
Yxy	6.5056, 0.1753, 0.0739
Android (android.graphics.Color)	4283105497 (0xFF4B00D9)
YUV	47.1630, 83.7296, 24.4130
Hunter-Lab	25.5061, 63.3206, -135.7709

Details

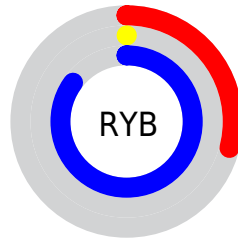
The XYZ color **15.4260, 6.5056, 66.0883** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **35.9670, 55.3760, 8.7930**, and the grayscale version is **2.6357, 2.7729, 3.0197**.

A 20% lighter version of the original color is **31.6309, 17.5661, 96.3312**, and **6.3452, 2.5381, 33.4132** is the 20% darker color. If you saturate the color by 10%, you get **15.4267, 6.5059, 66.0886**, and if you desaturate by 10%, it is **16.9453, 7.7063, 66.2402**.

Distribution



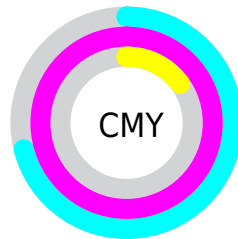
- Red (29%)
- Green (0%)
- Blue (85%)



- Red (29%)
- Yellow (0%)
- Blue (85%)



- Cyan (65%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)



- Cyan (71%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4260, 6.5056, 66.0883 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 15.4260, 6.5056, 66.0883 by changing the saturation by 10% instead.

■ 15.4260, 6.5056,
66.0883

■ 15.4260, 6.5056,
66.0883

219.2680,
163.4900, 465.1054

■ 9.2072, 3.1549,
47.8872

■ 35.1644, 18.9715,
115.2413

■ 4.9347, 1.2131,
33.3782

■ 49.4146, 28.8554,
147.0302

■ 2.2434, 0.0724,
22.1428

■ 67.0726, 41.6859,
184.1854

■ 0.7655, 0.0000,
13.7626

■ 88.5039, 57.8473,
227.1255

■ 0.0000, 0.0000,
7.8188

■ 114.0737, 77.7240,
276.2690


■ 0.0000, 0.0000,
3.8931


■ 144.1474,

■ 0.0000, 0.0000,


101.7004, 332.0345

1.5669

 179.0904,
130.1610, 394.8404


 0.0000, 0.0000,
0.2670

 0.0000, 0.0000,
0.0000


 15.4260, 6.5056,
66.0883

 15.4260, 6.5056,
66.0883

 15.4267, 6.5059,
66.0886

 16.9453, 7.7063,
66.2402

 19.0432, 9.6744,
66.5095

 21.8382, 12.6259,
66.9319

 25.4017, 16.6836,
67.5273

■ 29.7947, 21.9521,
68.3127

■ 35.0716, 28.5229,
69.3029

■ 41.2819, 36.4788,
70.5112

■ 48.4710, 45.8956,
71.9499

■ 56.6813, 56.8433,
73.6303

Harmonies

Analogous

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



7.9525, 6.5056, 98.2224



15.4260, 6.5056, 66.0883



22.1275, 6.5056, 24.4756

Triad

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



15.4260, 6.5056, 66.0883



10.8115, 6.5056, 0.0000



0.4716, 6.5056, 12.8223

Complementary

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



15.4260, 6.5056, 66.0883



35.9670, 55.3760, 8.7930

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.



0.6258, 6.5056, 0.8168



15.4260, 6.5056, 66.0883



4.6983, 6.5056, 0.0000

Square

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



15.4260, 6.5056, 66.0883



18.5435, 6.5056, 0.0000



1.6495, 6.5056, 0.0000



1.0739, 6.5056, 47.8717

Rectangle

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



15.4260, 6.5056, 66.0883



23.8217, 6.5056, 7.6983



1.6495, 6.5056, 0.0000



0.4389, 6.5056, 6.5024

Sweetspot

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



15.4267, 6.5059, 66.0886



59.2311, 52.2311, 101.5675



22.5990, 25.1589, 69.3109



11.8302, 10.0869, 21.5734



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.



15.4267, 6.5059, 66.0886



22.0880, 9.3017, 95.2390



31.5415, 14.8134, 66.8427



12.7610, 12.8349, 16.4569



9.4413, 3.9913, 40.0112



0.7026, 0.3054, 2.5964

Inverse Universe

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



33.4973, 16.7045, 27.0471



48.2019, 24.0448, 38.5908



25.5463, 50.0040, 8.3053



13.4132, 13.1944, 15.4373



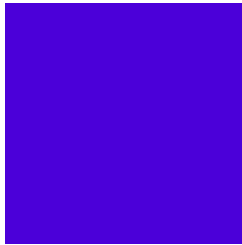
20.3290, 10.1326, 16.6442



1.3570, 0.6724, 1.2889

Previews

White Background



This preview shows how the XYZ color 15.4260, 6.5056, 66.0883 looks on a white background.

Color Contrast Check

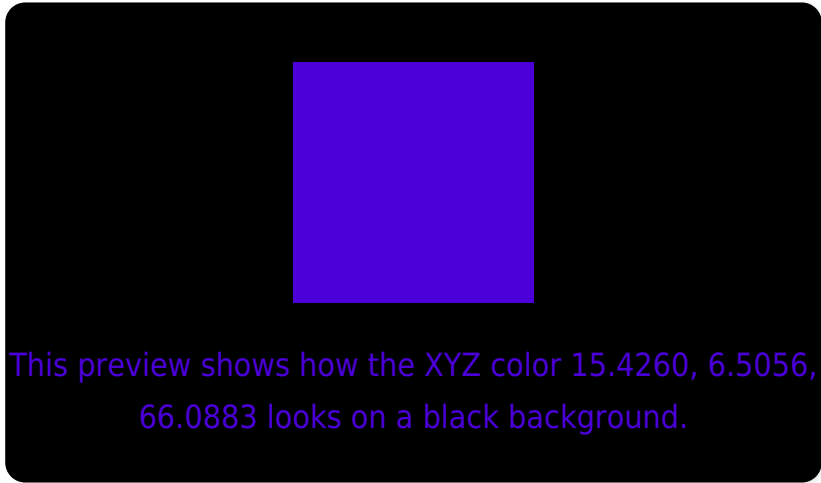
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

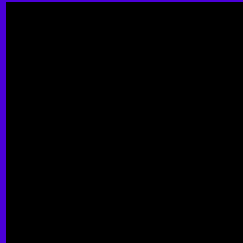
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.4260, 6.5056, 66.0883

Background



This preview shows how black text looks on a background with the XYZ color 15.4260, 6.5056, 66.0883.



This preview shows how white text looks on a background with the XYZ color 15.4260, 6.5056,

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

15.4260, 6.5056, 66.0883

Protanopia

7.7583, 6.7085, 29.7401

Deuteranopia

6.4152, 6.7012, 21.0340



Tritanopia

4.7787, 6.7392, 10.2814

Trichromacy



Original Color

15.4260, 6.5056, 66.0883

Protanomaly

9.0304, 5.1658, 40.5655

Deuteranomaly

7.8541, 4.8850, 33.7866

Tritanomaly

6.0532, 4.4383, 23.4593

Monochromacy



Original Color

15.4260, 6.5056, 66.0883

Achromatopsia

2.7019, 2.8426, 3.0956

Achromatomaly

4.9119, 2.9025, 14.7694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4260, 6.5056, 66.0883 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(75, 0, 217)` looks like.

```
.text, #text, p{  
    color:rgb(75, 0, 217)  
}
```

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(75, 0, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 0, 217) }
```

Border

The CSS property to change the border of an element to XYZ 15.4260, 6.5056, 66.0883 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(75, 0, 217) }
```


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

```
.border{ border-color:rgb(75, 0, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 0, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 0, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 0, 217);  
box-shadow:4px 4px 4px 4px rgb(75, 0, 217)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.4260, 6.5056, 66.0883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 0, 217) }
```

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

```
.background{ background-color: rgb(75, 0,  
217) }
```

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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