

Converting Colors

XYZ(11.5814, 4.7356, 60.4173)

Have a look what the booklet for
XYZ(11.5814, 4.7356, 60.4173)
contains.

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Color

**XYZ(11.6238, 4.7595,
60.6276)**

Conversions

Conversions Part 1

Format	Color
Hex	0406D1
RGB	4, 6, 209
RGB Percent	2%, 2%, 82%
CMY	0.9841, 0.9765, 0.1804
CMYK	0.98, 0.97, 0.00, 0.18
HSL	239°, 96%, 42%
HSV	239°, 98%, 82%
XYZ	11.6238, 4.7595, 60.6276
YIQ	28.5440, -66.3550, 62.7090

Conversions

Conversions Part 2

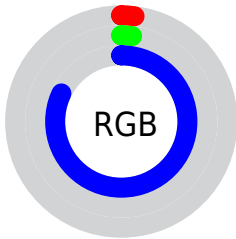
Format	Color
RYB	4, 6, 209
Decimal	263889
CIELab	26.04, 66.98, -92.06
CIELCh	26, 113.849, 306.041
Yxy	4.7595, 0.1509, 0.0618
Android (android.graphics.Color)	4278453969 (0xFF0406D1)
YUV	28.5440, 88.9648, -21.5251
Hunter-Lab	21.8163, 56.9270, -149.4960

Details

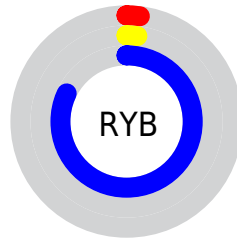
The XYZ color **11.6238, 4.7595, 60.6276** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **48.6452, 58.2212, 8.7902**, and the grayscale version is **1.0871, 1.1437, 1.2455**.

A 20% lighter version of the original color is **26.2415, 14.4225, 96.0085**, and **5.7498, 2.2999, 30.2779** is the 20% darker color. If you saturate the color by 10%, you get **11.5301, 4.6463, 60.6109**, and if you desaturate by 10%, it is **12.2931, 5.5790, 60.7507**.

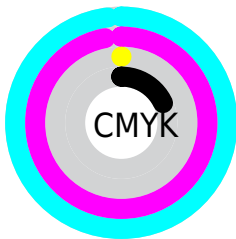
Distribution



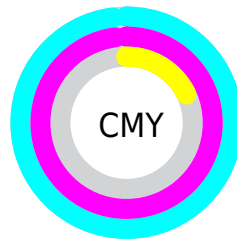
- Red (2%)
- Green (2%)
- Blue (82%)



- Red (2%)
- Yellow (2%)
- Blue (82%)



- Cyan (98%)
- Magenta (97%)
- Yellow (0%)
- Black (18%)



- Cyan (98%)
- Magenta (98%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6238, 4.7595, 60.6276 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 11.6238, 4.7595, 60.6276 by changing the saturation by 10% instead.

■ 11.6238, 4.7595,
60.6276

■ 11.6238, 4.7595,
60.6276

195.7198,
147.4775, 444.7759

■ 6.5584, 2.1069,
43.4961

■ 28.4309, 15.2970,
107.2918

■ 3.2314, 0.6685,
29.9403

■ 40.9033, 23.9506,
137.6616

■ 1.2773, 0.0000,
19.5416

■ 56.5755, 35.3733,
173.2812

■ 0.1661, 0.0000,
11.8815

■ 75.8128, 49.9496,
214.5692

■ 0.0000, 0.0000,
6.5415

■ 98.9805, 68.0637,
261.9442


■ 0.0000, 0.0000,
3.1030

■ 126.4440, 90.1001,


■ 0.0000, 0.0000,

315.8246


1.1475


 158.5686,
116.4433, 376.6290

 0.0000, 0.0000,
0.0000

 11.6238, 4.7595,
60.6276


 11.6238, 4.7595,
60.6276


 11.5301, 4.6463,
60.6109

 12.2931, 5.5790,
60.7507

 13.6607, 7.2450,
61.0002

 15.8788, 9.9332,
61.4022

 19.0552, 13.7716,
61.9756

 23.2816, 18.8696,
62.7369

■ 28.6393, 25.3241,
63.7004

■ 35.2013, 33.2222,
64.8790

■ 43.0347, 42.6440,
66.2847

■ 52.2016, 53.6636,
67.9286

Harmonies

Analogous

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



5.4817, 4.7595, 87.1532



11.6238, 4.7595, 60.6276



17.6463, 4.7595, 22.7699

Triad

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



11.6238, 4.7595, 60.6276



8.9451, 4.7595, 0.0000



0.0000, 4.7595, 8.2004

Complementary

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



11.6238, 4.7595, 60.6276



48.6452, 58.2212, 8.7902

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.



0.2001, 4.7595, 0.0000



11.6238, 4.7595, 60.6276



3.6845, 4.7595, 0.0000

Square

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



11.6238, 4.7595, 60.6276



15.5148, 4.7595, 0.0000



1.1329, 4.7595, 0.0000



0.4925, 4.7595, 36.9195

Rectangle

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



11.6238, 4.7595, 60.6276



19.4764, 4.7595, 7.0580



1.1329, 4.7595, 0.0000



0.0000, 4.7595, 3.6723

Sweetspot

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



11.6243, 4.7595, 60.6278



53.7943, 50.4027, 101.5012



33.9413, 50.0632, 66.0024



10.5357, 9.6107, 21.5497



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.



11.6243, 4.7595, 60.6278



18.0761, 7.2723, 95.0587



17.1585, 7.5813, 60.8808



11.1725, 11.4353, 14.8620



7.1131, 2.8729, 37.3721



0.4009, 0.1671, 2.0907

Inverse Universe

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



26.3713, 13.6563, 1.4178



41.2532, 21.2653, 1.9995



29.2456, 48.9211, 8.0175



11.8132, 11.8100, 12.2923



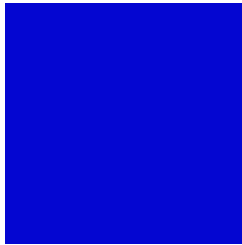
16.2211, 8.3613, 0.8046



0.9086, 0.4682, 0.0535

Previews

White Background



This preview shows how the XYZ color 11.6238, 4.7595, 60.6276 looks on a white background.

Color Contrast Check

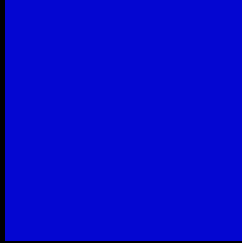
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6238, 4.7595, 60.6276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

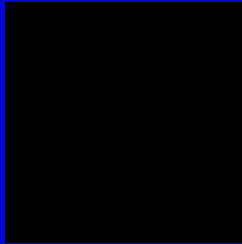
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6238, 4.7595, 60.6276

Background



This preview shows how black text looks on a background with the XYZ color 11.6238, 4.7595, 60.6276.



This preview shows how white text looks on a background with the XYZ color 11.6238, 4.7595,

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

11.6238, 4.7595, 60.6276

Protanopia

5.5650, 4.8960, 21.0738

Deuteranopia

4.6506, 4.8847, 15.1657



Tritanopia

3.3928, 4.8614, 7.0628

Trichromacy



Original Color

11.6238, 4.7595, 60.6276

Protanomaly

6.8913, 4.0267, 32.3123

Deuteranomaly

6.0240, 3.8522, 27.2141

Tritanomaly

4.5419, 3.4446, 18.8378

Monochromacy



Original Color

11.6238, 4.7595, 60.6276

Achromatopsia

1.1678, 1.2286, 1.3380

Achromatomaly

2.5770, 1.4932, 10.7421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6238, 4.7595, 60.6276 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(4, 6, 209)` looks like.

```
.text, #text, p{  
    color:rgb(4, 6, 209)  
}
```

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(4, 6, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 6, 209) }
```

Border

The CSS property to change the border of an element to XYZ 11.6238, 4.7595, 60.6276 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(4, 6, 209) }
```


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

```
.border{ border-color:rgb(4, 6, 209) }
```

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

Here you see how a box with a 4 pixel rgb(4, 6, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 6, 209); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 6, 209); box-shadow:4px  
4px 4px 4px rgb(4, 6, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6238, 4.7595, 60.6276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 6, 209) }
```

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

```
.background{ background-color: rgb(4, 6,  
209) }
```

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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