

Converting Colors

XYZ(15.1026, 11.0231, 32.4375)

Have a look what the booklet for
XYZ(15.1026, 11.0231, 32.4375)
contains.

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Color

**XYZ(15.1258, 11.0538,
32.3467)**

Conversions

Conversions Part 1

Format	Color
Hex	6F4D9B
RGB	111, 77, 155
RGB Percent	44%, 30%, 61%
CMY	0.5647, 0.6980, 0.3922
CMYK	0.28, 0.50, 0.00, 0.39
HSL	266°, 34%, 45%
HSV	266°, 50%, 61%
XYZ	15.1258, 11.0538, 32.3467
YIQ	96.0580, -4.7740, 31.4660

Conversions

Conversions Part 2

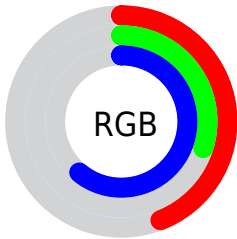
Format	Color
R_{YB}	111, 77, 155
Decimal	7294363
CIE _{Lab}	39.67, 30.99, -37.47
CIE _{LCh}	40, 48.624, 309.599
Yxy	11.0538, 0.2584, 0.1889
Android (android.graphics.Color)	4285484443 (0xFF6F4D9B)
YUV	96.0580, 29.0584, 13.1041
Hunter-Lab	33.2473, 23.0257, -34.4110

Details

The XYZ color **15.1258, 11.0538, 32.3467** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **20.9462, 28.0436, 11.3305**, and the grayscale version is **11.0652, 11.6415, 12.6775**.

A 20% lighter version of the original color is **34.7393, 27.8312, 64.5138**, and **4.8016, 2.9199, 13.1425** is the 20% darker color. If you saturate the color by 10%, you get **13.1209, 8.5978, 31.9785**, and if you desaturate by 10%, it is **17.4977, 14.0830, 32.8066**.

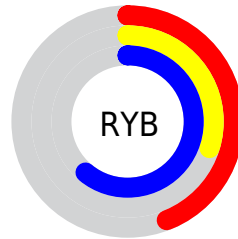
Distribution



Red (44%)

Green (30%)

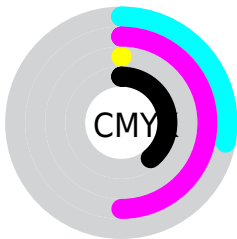
Blue (61%)



Red (44%)

Yellow (30%)

Blue (61%)

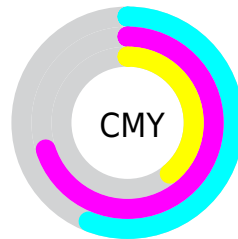


Cyan (28%)

Magenta (50%)

Yellow (0%)

Black (39%)



Cyan (56%)

Magenta (70%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1258, 11.0538, 32.3467 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 15.1258, 11.0538, 32.3467 by changing the saturation by 10% instead.

■ 15.1258, 11.0538,
32.3467

■ 15.1258, 11.0538,
32.3467

217.4997,
198.0363, 327.2368

■ 8.9946, 6.1030,
21.3594

■ 34.6436, 27.7596,
64.4584

■ 4.7948, 2.9078,
13.1932

■ 48.7609, 40.2834,
86.4200

■ 2.1609, 1.0838,
7.4294

■ 66.2709, 56.1004,
112.8767

■ 0.7220, 0.0000,
3.6496

■ 87.5390, 75.5949,
144.2471

■ 0.0000, 0.0000,
1.4351

■ 112.9306, 99.1514,
180.9498

■ 0.0000, 0.0000,
0.1689

142.8110,

■ 0.0000, 0.0000,

127.1542, 223.4033

0.0000

177.5456,
159.9877, 272.0261

■ 15.1258, 11.0538,
32.3467

■ 15.1258, 11.0538,
32.3467

■ 13.1209, 8.5978,
31.9785

■ 17.4977, 14.0830,
32.8066

■ 11.4600, 6.6748,
31.6949

■ 20.2550, 17.7193,
33.3631

■ 10.1191, 5.2413,
31.4889

■ 23.4165, 21.9954,
34.0219

■ 9.0700, 4.2459,
31.3520

■ 26.9991, 26.9412,
34.7877

■ 8.2702, 3.5800,
31.2656

■ 31.0188, 32.5847,
35.6651

■ 35.4907, 38.9523,
36.6585

■ 40.4292, 46.0690,
37.7719

■ 45.8478, 53.9585,
39.0091

■ 51.7598, 62.6437,
40.3739

Harmonies

Analogous

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



11.6077, 11.0538, 40.5793



15.1258, 11.0538, 32.3467



17.7014, 11.0538, 19.6040

Triad

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



15.1258, 11.0538, 32.3467



12.8936, 11.0538, 1.7435



5.3833, 11.0538, 15.3508

Complementary

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



15.1258, 11.0538, 32.3467



20.9462, 28.0436, 11.3305

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.



5.5850, 11.0538, 6.7193



15.1258, 11.0538, 32.3467



9.4769, 11.0538, 1.5091

Square

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



15.1258, 11.0538, 32.3467



16.2358, 11.0538, 3.7361



6.9385, 11.0538, 2.7274



6.3135, 11.0538, 27.8649

Rectangle

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



15.1258, 11.0538, 32.3467



18.2745, 11.0538, 12.1641



6.9385, 11.0538, 2.7274



5.3264, 11.0538, 11.9082

Sweetspot

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



15.1262, 11.0542, 32.3470



45.0667, 43.6924, 61.5945



15.8390, 17.6681, 33.5860



9.9188, 9.5012, 13.8815



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.1262, 11.0542, 32.3470



23.2222, 15.0693, 57.2210



21.1114, 14.1397, 32.6271



6.1271, 6.1514, 7.7934



6.6849, 2.8973, 25.1146



0.1406, 0.0643, 0.3774

Inverse Universe

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



19.6229, 13.6571, 19.6911



32.5257, 20.4649, 30.5700



16.5583, 25.7816, 11.1251



6.3474, 6.2781, 7.2094



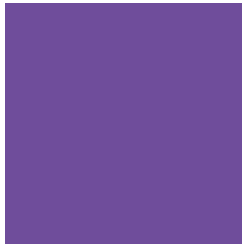
12.2728, 6.1634, 7.9617



0.2017, 0.0994, 0.2151

Previews

White Background



This preview shows how the XYZ color 15.1258, 11.0538, 32.3467 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 15.1258, 11.0538, 32.3467 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 15.1258, 11.0538, 32.3467

Background



This preview shows how black text looks on a background with the XYZ color 15.1258, 11.0538, 32.3467.



This preview shows how white text looks on a background with the XYZ color 15.1258, 11.0538,

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

15.1258, 11.0538, 32.3467

Protanopia

12.5334, 11.1875, 39.0349

Deuteranopia

11.3923, 11.1696, 30.8337



Tritanopia

11.2012, 11.0733, 13.1023

Trichromacy



Original Color

15.1258, 11.0538, 32.3467

Protanomaly

13.0091, 10.8724, 36.5349

Deuteranomaly

12.2991, 10.8661, 31.1549

Tritanomaly

12.3665, 10.9305, 18.9108

Monochromacy



Original Color

15.1258, 11.0538, 32.3467

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.1501, 11.1958, 18.3503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1258, 11.0538, 32.3467 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(111, 77, 155)` looks like.

```
.text, #text, p{  
    color:rgb(111, 77, 155)  
}
```

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(111, 77, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 77, 155) }
```

Border

The CSS property to change the border of an element to XYZ 15.1258, 11.0538, 32.3467 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(111, 77, 155) }
```


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

```
.border{ border-color:rgb(111, 77, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 77, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 77, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 77, 155);  
box-shadow:4px 4px 4px 4px rgb(111, 77,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1258, 11.0538, 32.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 77, 155) }
```

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

```
.background{ background-color: rgb(111, 77,  
155) }
```

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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