

Converting Colors

XYZ(15.0620, 11.8134, 25.1418)

Have a look what the booklet for
XYZ(15.0620, 11.8134, 25.1418)
contains.

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Color

**XYZ(15.0798, 11.8442,
25.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	765389
RGB	118, 83, 137
RGB Percent	46%, 33%, 54%
CMY	0.5373, 0.6745, 0.4627
CMYK	0.14, 0.39, 0.00, 0.46
HSL	279°, 25%, 43%
HSV	279°, 39%, 54%
XYZ	15.0798, 11.8442, 25.1583
YIQ	99.6210, 3.5260, 24.2140

Conversions

Conversions Part 2

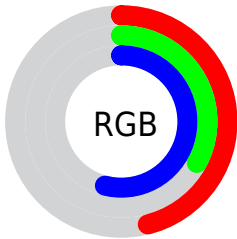
Format	Color
R _Y B	118, 83, 137
Decimal	7754633
CIE Lab	40.97, 25.13, -24.51
CIE LCh	41, 35.101, 315.720
Yxy	11.8442, 0.2895, 0.2274
Android (android.graphics.Color)	4285944713 (0xFF765389)
YUV	99.6210, 18.4278, 16.1184
Hunter-Lab	34.4154, 17.9864, -19.2513

Details

The XYZ color **15.0798, 11.8442, 25.1583** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.9869, 21.3410, 11.4608**, and the grayscale version is **11.9712, 12.5946, 13.7155**.

A 20% lighter version of the original color is **34.5861, 29.1946, 53.1024**, and **4.7658, 3.2402, 9.3911** is the 20% darker color. If you saturate the color by 10%, you get **13.4955, 9.6224, 24.8131**, and if you desaturate by 10%, it is **16.9055, 14.4985, 25.5746**.

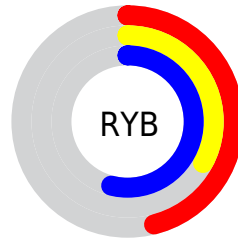
Distribution



Red (46%)

Green (33%)

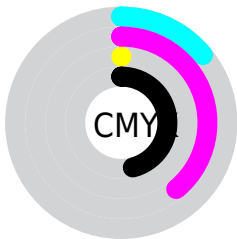
Blue (54%)



Red (46%)

Yellow (33%)

Blue (54%)

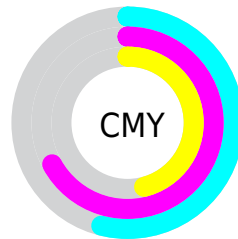


Cyan (14%)

Magenta (39%)

Yellow (0%)

Black (46%)



Cyan (54%)

Magenta (67%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0798, 11.8442, 25.1583 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 15.0798, 11.8442, 25.1583 by changing the saturation by 10% instead.

15.0798, 11.8442,
25.1583

15.0798, 11.8442,
25.1583

217.2275,
203.3711, 292.0982

8.9621, 6.6377,
15.9749

34.5636, 29.2110,
52.8812

4.7734, 3.2366,
9.3523

48.6604, 42.1401,
72.2579

2.1483, 1.2564,
4.8717

66.1477, 58.4122,
95.8693

0.7153, 0.1071,
2.1148

87.3907, 78.4117,
124.1342

0.0000, 0.0000,
0.6245

112.7548,
102.5229, 157.4710

0.0000, 0.0000,
0.0000

142.6054,

131.1303, 196.2982

177.3079,
164.6182, 241.0345

■ 15.0798, 11.8442,
25.1583

■ 15.0798, 11.8442,
25.1583

■ 13.4955, 9.6224,
24.8131

■ 16.9055, 14.4985,
25.5746

■ 12.1386, 7.8069,
24.5342

■ 18.9832, 17.6066,
26.0650

■ 10.9955, 6.3708,
24.3173

■ 21.3241, 21.1901,
26.6333

■ 10.0504, 5.2832,
24.1572

■ 23.9386, 25.2689,
27.2828

■ 9.2850, 4.5083,
24.0479

■ 26.8362, 29.8615,
28.0166

■ 8.6515, 3.9513,
23.9738

■ 30.0261, 34.9857,
28.8375

■ 8.6157, 3.9199,
23.9696

■ 33.5171, 40.6582,
29.7484

■ 37.3176, 46.8952,
30.7520

■ 41.4354, 53.7120,
31.8507

Harmonies

Analogous

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



12.6169, 11.8442, 31.3092



15.0798, 11.8442, 25.1583



16.6143, 11.8442, 16.6162

Triad

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



15.0798, 11.8442, 25.1583



12.4908, 11.8442, 3.6019



7.2205, 11.8442, 17.0169

Complementary

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



15.0798, 11.8442, 25.1583



15.9869, 21.3410, 11.4608

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.



7.1971, 11.8442, 9.7777



15.0798, 11.8442, 25.1583



9.9995, 11.8442, 3.6405

Square

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



15.0798, 11.8442, 25.1583



14.9757, 11.8442, 5.3141



8.1428, 11.8442, 5.4514



8.2122, 11.8442, 25.5440

Rectangle

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



15.0798, 11.8442, 25.1583



16.7770, 11.8442, 11.5667



8.1428, 11.8442, 5.4514



7.1047, 11.8442, 14.3241

Sweetspot

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



15.0802, 11.8447, 25.1586



36.9433, 36.0293, 47.3904



12.9135, 13.3064, 25.5549



8.1835, 7.9235, 10.6044



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.0802, 11.8447, 25.1586



24.5339, 17.7357, 44.5134



17.4260, 13.1117, 22.6614



5.0659, 5.0424, 6.3121



8.0386, 3.6582, 22.3281



0.0693, 0.0325, 0.1491

Inverse Universe

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



15.8085, 12.4647, 14.1436



26.1777, 19.0960, 21.4161



14.3673, 20.4722, 12.9124



5.1008, 5.0758, 5.6194



10.1160, 5.1565, 3.1152



0.0737, 0.0368, 0.0548

Previews

White Background



This preview shows how the XYZ color 15.0798, 11.8442, 25.1583 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 15.0798, 11.8442, 25.1583 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 15.0798, 11.8442, 25.1583

Background



This preview shows how black text looks on a background with the XYZ color 15.0798, 11.8442, 25.1583.



This preview shows how white text looks on a background with the XYZ color 15.0798, 11.8442,

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

15.0798, 11.8442, 25.1583

Protanopia

12.5831, 11.9533, 29.2478

Deuteranopia

12.2122, 11.9998, 24.5942



Tritanopia

12.6278, 11.8088, 13.1690

Trichromacy



Original Color

15.0798, 11.8442, 25.1583

Protanomaly

13.2132, 11.7925, 27.5664

Deuteranomaly

13.0089, 11.7465, 24.8742

Tritanomaly

13.3538, 11.7267, 16.8889

Monochromacy



Original Color

15.0798, 11.8442, 25.1583

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.0467, 12.3235, 17.3138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0798, 11.8442, 25.1583 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(118, 83, 137)` looks like.

```
.text, #text, p{  
    color:rgb(118, 83, 137)  
}
```

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(118, 83, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 83, 137) }
```

Border

The CSS property to change the border of an element to XYZ 15.0798, 11.8442, 25.1583 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(118, 83, 137) }
```


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

```
.border{ border-color:rgb(118, 83, 137) }
```

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

Here you see how a box with a 4 pixel rgb(118, 83, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 83, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 83, 137);  
box-shadow:4px 4px 4px 4px rgb(118, 83,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0798, 11.8442, 25.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 83, 137) }
```

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

```
.background{ background-color: rgb(118, 83,  
137) }
```

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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