

Converting Colors

XYZ(11.7414, 6.1958, 25.0922)

Have a look what the booklet for
XYZ(11.7414, 6.1958, 25.0922)
contains.

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Color

**XYZ(11.6800, 6.1721,
25.0018)**

Conversions

Conversions Part 1

Format	Color
Hex	6F1E8B
RGB	111, 30, 139
RGB Percent	44%, 12%, 55%
CMY	0.5647, 0.8823, 0.4549
CMYK	0.20, 0.78, 0.00, 0.45
HSL	285°, 64%, 33%
HSV	285°, 78%, 55%
XYZ	11.6800, 6.1721, 25.0018
YIQ	66.6450, 13.2870, 51.0710

Conversions

Conversions Part 2

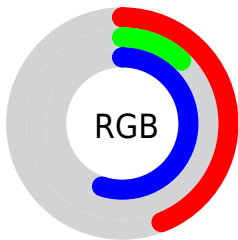
Format	Color
R_{YB}	111, 30, 139
Decimal	7282315
CIE _{Lab}	29.84, 50.99, -43.43
CIE _{LCh}	30, 66.977, 319.574
Yxy	6.1721, 0.2726, 0.1440
Android (android.graphics.Color)	4285472395 (0xFF6F1E8B)
YUV	66.6450, 35.6710, 38.8993
Hunter-Lab	24.8437, 40.4433, -42.2767

Details

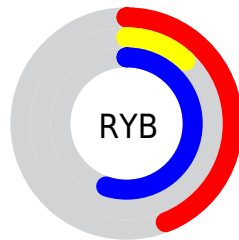
The XYZ color **11.6800, 6.1721, 25.0018** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **11.2120, 19.4586, 4.3934**, and the grayscale version is **5.2238, 5.4958, 5.9849**.

A 20% lighter version of the original color is **28.5218, 18.2979, 52.4807**, and **3.5064, 1.6041, 9.3573** is the 20% darker color. If you saturate the color by 10%, you get **10.9624, 5.3903, 24.8888**, and if you desaturate by 10%, it is **12.5713, 7.2741, 25.1676**.

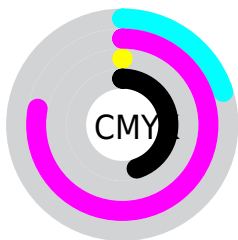
Distribution



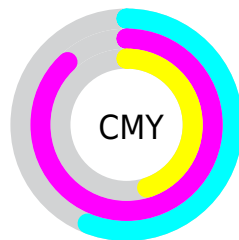
- Red (44%)
- Green (12%)
- Blue (55%)



- Red (44%)
- Yellow (12%)
- Blue (55%)



- Cyan (20%)
- Magenta (78%)
- Yellow (0%)
- Black (45%)



- Cyan (56%)
- Magenta (88%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6800, 6.1721, 25.0018 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 11.6800, 6.1721, 25.0018 by changing the saturation by 10% instead.

■ 11.6800, 6.1721,
25.0018

■ 11.6800, 6.1721,
25.0018

196.0886,
160.5956, 291.2949

■ 6.5968, 2.9500,
15.8594

■ 28.5329, 18.2872,
52.6243

■ 3.2553, 1.1057,
9.2714

■ 41.0333, 27.9489,
71.9414

■ 1.2902, 0.0000,
4.8194

■ 56.7368, 40.5260,
95.4872

■ 0.1759, 0.0000,
2.0848

■ 76.0088, 56.4029,
123.6802

■ 0.0000, 0.0000,
0.6067

■ 99.2146, 75.9639,
156.9389

■ 0.0000, 0.0000,
0.0000

■ 126.7196, 99.5934,

195.6819

158.8892,
127.6759, 240.3277

11.6800, 6.1721,
25.0018

11.6800, 6.1721,
25.0018

10.9624, 5.3903,
24.8888

12.5713, 7.2741,
25.1676

10.3769, 4.8466,
24.8147

13.6539, 8.7318,
25.3919

10.2876, 4.7651,
24.8037

14.9438, 10.5771,
25.6801

16.4553, 12.8377,
26.0368

18.2009, 15.5389,
26.4662

■ 20.1926, 18.7041,
26.9722

■ 22.4413, 22.3549,
27.5583

■ 24.9571, 26.5113,
28.2280

■ 27.7499, 31.1926,
28.9844

Harmonies

Analogous

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



8.1005, 6.1721, 39.0901



11.6800, 6.1721, 25.0018



13.9064, 6.1721, 10.3104

Triad

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



11.6800, 6.1721, 25.0018



7.0135, 6.1721, 0.0000



1.8497, 6.1721, 14.2227

Complementary

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



11.6800, 6.1721, 25.0018



11.2120, 19.4586, 4.3934

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.



1.7380, 6.1721, 4.0786



11.6800, 6.1721, 25.0018



4.0862, 6.1721, 0.0000

Square

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



11.6800, 6.1721, 25.0018



10.6473, 6.1721, 0.0326



2.3963, 6.1721, 0.5607



2.7860, 6.1721, 29.9190

Rectangle

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



11.6800, 6.1721, 25.0018



13.9338, 6.1721, 4.2605



2.3963, 6.1721, 0.5607



1.7311, 6.1721, 9.9811

Sweetspot

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



11.6803, 6.1723, 25.0019



33.9300, 29.9337, 47.7324



6.7632, 5.2751, 25.0879



7.5664, 6.4998, 10.9352



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.6803, 6.1723, 25.0019



18.8350, 8.9211, 44.4722



14.1245, 7.6227, 16.5176



5.1106, 5.0654, 6.3142



9.3014, 4.3092, 22.3872



0.0754, 0.0356, 0.1494

Inverse Universe

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



11.8756, 6.7231, 4.6749



19.8654, 10.3378, 4.5102



10.4682, 19.0214, 6.7891



5.0822, 5.0683, 5.5213



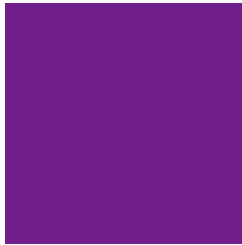
9.8994, 5.0699, 1.9748



0.0710, 0.0358, 0.0408

Previews

White Background



This preview shows how the XYZ color 11.6800, 6.1721, 25.0018 looks on a white background.

Color Contrast Check

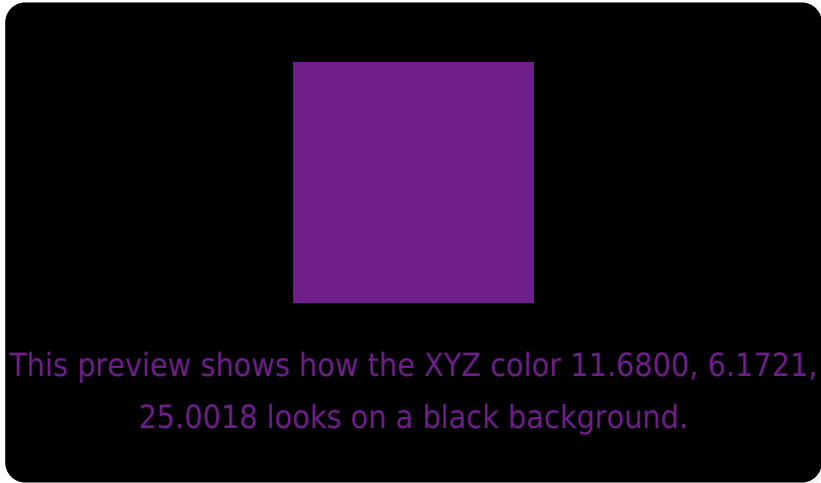
Large Text (above 18pt) WCAG AA ✓ Pass

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

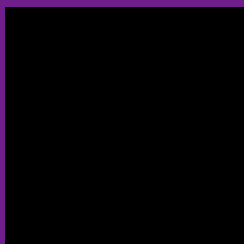
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6800, 6.1721, 25.0018

Background



This preview shows how black text looks on a background with the XYZ color 11.6800, 6.1721, 25.0018.



This preview shows how white text looks on a background with the XYZ color 11.6800, 6.1721,

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

11.6800, 6.1721, 25.0018

Protanopia

7.3164, 6.3316, 28.0306

Deuteranopia

6.3450, 6.3501, 21.6601



Tritanopia

7.7968, 6.3112, 5.6577

Trichromacy



Original Color

11.6800, 6.1721, 25.0018

Protanomaly

7.1992, 5.1667, 26.6044

Deuteranomaly

6.5718, 5.0708, 22.8227

Tritanomaly

8.6956, 5.8950, 10.5771

Monochromacy



Original Color

11.6800, 6.1721, 25.0018

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

6.8622, 5.2676, 11.0110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6800, 6.1721, 25.0018 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, 30, 139)` looks like.

```
.text, #text, p{  
    color:rgb(111, 30, 139)  
}
```

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, 30, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 30, 139) }
```

Border

The CSS property to change the border of an element to XYZ 11.6800, 6.1721, 25.0018 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, 30, 139) }
```


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

```
.border{ border-color:rgb(111, 30, 139) }
```

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

Here you see how a box with a 4 pixel rgb(111, 30, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 30, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 30, 139);  
box-shadow:4px 4px 4px 4px rgb(111, 30,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6800, 6.1721, 25.0018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 30, 139) }
```

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

```
.background{ background-color: rgb(111, 30,  
139) }
```

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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