

Converting Colors

XYZ(15.5107, 11.9454, 18.5630)

Have a look what the booklet for
XYZ(15.5107, 11.9454, 18.5630)
contains.

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Color

**XYZ(15.5725, 12.0182,
18.6385)**

Conversions

Conversions Part 1

Format	Color
Hex	835176
RGB	131, 81, 118
RGB Percent	51%, 32%, 46%
CMY	0.4863, 0.6823, 0.5373
CMYK	0.00, 0.38, 0.10, 0.49
HSL	316°, 24%, 42%
HSV	316°, 38%, 51%
XYZ	15.5725, 12.0182, 18.6385
YIQ	100.1680, 17.9230, 22.1070

Conversions

Conversions Part 2

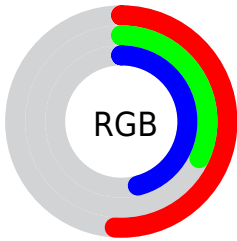
Format	Color
R_{YB}	131, 81, 118
Decimal	8606070
CIE Lab	41.25, 26.85, -12.35
CIE LCh	41, 29.555, 335.299
Yxy	12.0182, 0.3369, 0.2600
Android (android.graphics.Color)	4286796150 (0xFF835176)
YUV	100.1680, 8.7912, 27.0397
Hunter-Lab	34.6673, 19.5143, -7.6096

Details

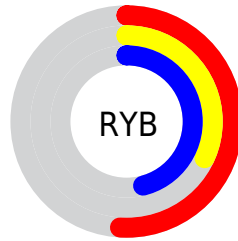
The XYZ color **15.5725, 12.0182, 18.6385** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **13.5305, 18.7904, 13.5043**, and the grayscale version is **12.1314, 12.7632, 13.8991**.

A 20% lighter version of the original color is **35.3796, 29.4492, 41.8498**, and **4.9858, 3.2917, 6.1669** is the 20% darker color. If you saturate the color by 10%, you get **14.4926, 10.1764, 17.2979**, and if you desaturate by 10%, it is **16.8482, 14.2397, 20.0807**.

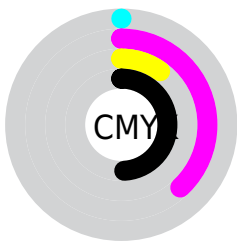
Distribution



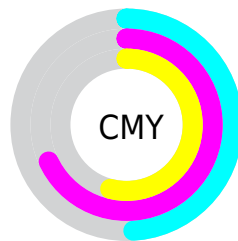
- Red (51%)
- Green (32%)
- Blue (46%)



- Red (51%)
- Yellow (32%)
- Blue (46%)



- Cyan (0%)
- Magenta (38%)
- Yellow (10%)
- Black (49%)



- Cyan (49%)
- Magenta (68%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5725, 12.0182, 18.6385 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 15.5725, 12.0182, 18.6385 by changing the saturation by 10% instead.

15.5725, 12.0182,
18.6385

15.5725, 12.0182,
18.6385

220.1261,
204.5257, 256.8016

9.3111, 6.7561,
11.2352

35.4179, 29.5282,
41.9509

5.0034, 3.3100,
6.1091

49.7326, 42.5450,
58.6970

2.2840, 1.2957,
2.8417

67.4624, 58.9153,
79.3946

0.7865, 0.1378,
1.0144

88.9728, 79.0237,
104.4620

0.0000, 0.0000,
0.0000

114.6289,
103.2546, 134.3179

144.7963,

131.9923, 169.3808

179.8402,
165.6212, 210.0692

■ 15.5725, 12.0182,
18.6385

■ 15.5725, 12.0182,
18.6385

■ 14.4926, 10.1764,
17.2979

■ 16.8482, 14.2397,
20.0807

■ 13.5966, 8.6909,
16.0542

■ 18.3288, 16.8591,
21.6275

■ 12.8728, 7.5384,
14.9031

■ 20.0239, 19.8957,
23.2826

■ 12.3077, 6.6919,
13.8399

■ 21.9423, 23.3669,
25.0494

■ 11.8856, 6.1204,
12.8590

■ 24.0922, 27.2889,
26.9308

■ 11.5702, 5.7511,
11.9477

■ 26.4816, 31.6775,
28.9299

■ 11.5149, 5.6872,
11.7850

■ 29.1178, 36.5473,
31.0495

■ 32.0079, 41.9126,
33.2922

■ 35.1589, 47.7870,
35.6609

Harmonies

Analogous

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



13.9627, 12.0182, 25.2156



15.5725, 12.0182, 18.6385



16.0169, 12.0182, 12.0299

Triad

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



15.5725, 12.0182, 18.6385



11.0480, 12.0182, 4.5238



8.3898, 12.0182, 21.1216

Complementary

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



15.5725, 12.0182, 18.6385



13.5305, 18.7904, 13.5043

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.



7.8039, 12.0182, 14.2017



15.5725, 12.0182, 18.6385



9.2115, 12.0182, 5.6454

Square

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



15.5725, 12.0182, 18.6385



13.2255, 12.0182, 5.0479



8.0850, 12.0182, 8.7625



9.7921, 12.0182, 26.9343

Rectangle

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



15.5725, 12.0182, 18.6385



15.5503, 12.0182, 8.6777



8.0850, 12.0182, 8.7625



8.0993, 12.0182, 18.7796

Sweetspot

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



15.5729, 12.0187, 18.6387



34.8789, 33.8677, 40.7576



11.6047, 9.8776, 22.7678



8.0390, 7.7389, 9.4103



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.5729, 12.0187, 18.6387



26.1501, 18.5557, 31.2331



14.3010, 11.5100, 11.9410



4.8076, 4.7427, 5.5989



11.3358, 5.5986, 11.6063



0.0423, 0.0206, 0.0559

Inverse Universe

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



15.5729, 12.0187, 18.6387



26.1501, 18.5557, 31.2331



14.8099, 19.3021, 20.2412



4.8076, 4.7427, 5.5989



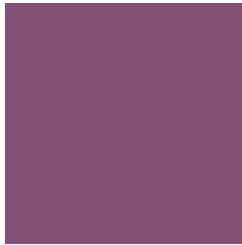
11.3358, 5.5986, 11.6063



0.0423, 0.0206, 0.0559

Previews

White Background



This preview shows how the XYZ color 15.5725, 12.0182, 18.6385 looks on a white background.

Color Contrast Check

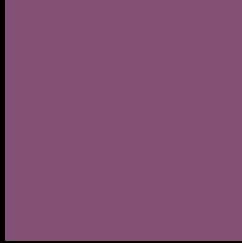
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5725, 12.0182, 18.6385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

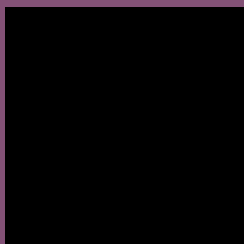
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5725, 12.0182, 18.6385

Background



This preview shows how black text looks on a background with the XYZ color 15.5725, 12.0182, 18.6385.



This preview shows how white text looks on a background with the XYZ color 15.5725, 12.0182,

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

15.5725, 12.0182, 18.6385

Protanopia

12.3570, 12.2582, 22.4837

Deuteranopia

12.3323, 12.0749, 17.9004



Tritanopia

14.2057, 12.0351, 11.9302

Trichromacy



Original Color

15.5725, 12.0182, 18.6385

Protanomaly

13.1517, 11.9059, 21.0069

Deuteranomaly

13.3641, 11.9528, 18.1258

Tritanomaly

14.6219, 11.9671, 14.1096

Monochromacy



Original Color

15.5725, 12.0182, 18.6385

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.1237, 12.2697, 15.5865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5725, 12.0182, 18.6385 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(131, 81, 118)` looks like.

```
.text, #text, p{  
    color:rgb(131, 81, 118)  
}
```

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(131, 81, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 81, 118) }
```

Border

The CSS property to change the border of an element to XYZ 15.5725, 12.0182, 18.6385 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(131, 81, 118) }
```


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

```
.border{ border-color:rgb(131, 81, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 81, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 81, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 81, 118); box-shadow:4px 4px 4px 4px rgb(131, 81, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5725, 12.0182, 18.6385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 81, 118) }
```

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

```
.background{ background-color: rgb(131, 81,  
118) }
```

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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