

Converting Colors

XYZ(11.8271, 13.5819, 15.7035)

Have a look what the booklet for
XYZ(11.8271, 13.5819, 15.7035)
contains.

XYZ(11.7897, 13.5822, 15.6359)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.7897, 13.5822,
15.6359)**

Conversions

Conversions Part 1

Format	Color
Hex	576B6A
RGB	87, 107, 106
RGB Percent	34%, 42%, 42%
CMY	0.6588, 0.5804, 0.5843
CMYK	0.19, 0.00, 0.01, 0.58
HSL	177°, 10%, 38%
HSV	177°, 19%, 42%
XYZ	11.7897, 13.5822, 15.6359
YIQ	100.9060, -11.5990, -4.5510

Conversions

Conversions Part 2

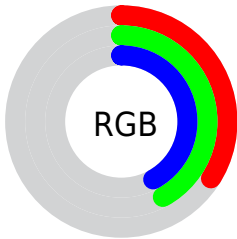
Format	Color
RYB	87, 97, 107
Decimal	5729130
CIELab	43.63, -7.66, -1.93
CIElCh	44, 7.896, 194.124
Yxy	13.5822, 0.2875, 0.3312
Android (android.graphics.Color)	4283919210 (0xFF576B6A)
YUV	100.9060, 2.5113, -12.1956
Hunter-Lab	36.8540, -7.3920, 0.6431

Details

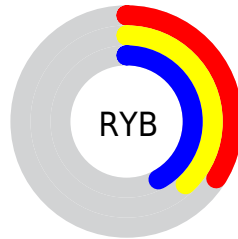
The XYZ color **11.7897, 13.5822, 15.6359** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2335, 10.6472, 10.6962**, and the grayscale version is **12.3416, 12.9843, 14.1399**.

A 20% lighter version of the original color is **28.6292, 32.2064, 36.6058**, and **3.3197, 4.0189, 4.7384** is the 20% darker color. If you saturate the color by 10%, you get **10.8362, 13.0942, 15.4466**, and if you desaturate by 10%, it is **12.8923, 14.1477, 15.8337**.

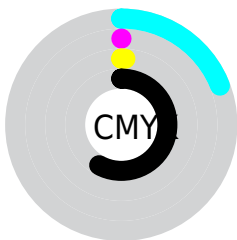
Distribution



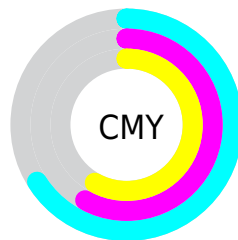
- Red (34%)
- Green (42%)
- Blue (42%)



- Red (34%)
- Yellow (38%)
- Blue (42%)



- Cyan (19%)
- Magenta (0%)
- Yellow (1%)
- Black (58%)



- Cyan (66%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7897, 13.5822, 15.6359 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 11.7897, 13.5822, 15.6359 by changing the saturation by 10% instead.

■ 11.7897, 13.5822,
15.6359

■ 11.7897, 13.5822,
15.6359

196.8065,
214.6160, 238.9554

■ 6.6718, 7.8307,
9.1153

■ 28.7317, 32.3458,
36.7229

■ 3.3022, 3.9868,
4.7186

■ 41.2865, 46.1267,
52.1264

■ 1.3155, 1.6662,
2.0273

■ 57.0510, 63.3529,
71.3279

■ 0.1948, 0.4016,
0.5720

■ 76.3906, 84.4086,
94.7461

■ 0.0000, 0.0000,
0.0000

■ 99.6706, 109.6784,
122.7994

127.2563,

139.5467, 155.9063

159.5132,
174.3977, 194.4855

■ 11.7897, 13.5822,
15.6359

■ 11.7897, 13.5822,
15.6359

■ 10.8362, 13.0942,
15.4466

■ 12.8923, 14.1477,
15.8337

■ 10.0241, 12.6787,
15.2645

■ 14.1489, 14.7923,
16.0393

■ 9.3468, 12.3328,
15.0896

■ 15.5656, 15.5194,
16.2533

■ 8.7967, 12.0523,
14.9216

■ 17.1480, 16.3318,
16.4760

■ 8.3656, 11.8332,
14.7600

■ 18.9011, 17.2323,
16.7076

■ 8.0442, 11.6706,
14.6045

■ 20.8300, 18.2233,
16.9484

■ 7.8217, 11.5590,
14.4545

■ 22.9394, 19.3074,
17.1985

■ 7.6596, 11.4785,
14.3083

■ 25.2340, 20.4869,
17.4582

■ 7.6386, 11.4681,
14.2892

■ 27.7181, 21.7641,
17.7276

Harmonies

Analogous

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



11.7986, 13.5822, 13.8761



11.7897, 13.5822, 15.6359



12.0741, 13.5822, 17.2901

Triad

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



11.7897, 13.5822, 15.6359



13.7557, 13.5822, 17.3720



13.2377, 13.5822, 11.7474

Complementary

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



11.7897, 13.5822, 15.6359



11.2335, 10.6472, 10.6962

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.



13.7825, 13.5822, 12.5410



11.7897, 13.5822, 15.6359



14.0880, 13.5822, 15.7405

Square

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



11.7897, 13.5822, 15.6359



13.2020, 13.5822, 18.3453



14.0980, 13.5822, 13.9727



12.6213, 13.5822, 11.7243

Rectangle

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



11.7897, 13.5822, 15.6359



12.3972, 13.5822, 18.0713



14.0980, 13.5822, 13.9727



13.4357, 13.5822, 11.9299

Sweetspot

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



11.7901, 13.5828, 15.6362



23.6256, 25.6100, 28.4428



11.0346, 13.2951, 11.0018



5.6949, 6.1866, 6.8805



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.7901, 13.5828, 15.6362



20.4087, 23.9611, 27.8626



10.9837, 11.8861, 15.6258



3.1756, 3.4894, 3.9084



9.2891, 13.9497, 17.3655



47.2348, 71.0410, 87.9723

Inverse Universe

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



11.2335, 10.6472, 10.6962



19.2342, 17.7653, 17.4368



11.9367, 12.1194, 10.7273



3.1053, 3.1190, 3.2850



7.4087, 3.8156, 0.5146



37.6544, 19.4037, 2.1168

Previews

White Background



This preview shows how the XYZ color 11.7897, 13.5822, 15.6359 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 11.7897, 13.5822, 15.6359 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

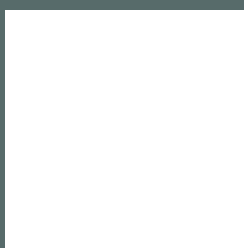
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.7897, 13.5822, 15.6359

Background



This preview shows how black text looks on a background with the XYZ color 11.7897, 13.5822, 15.6359.



This preview shows how white text looks on a background with the XYZ color 11.7897, 13.5822,

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

11.7897, 13.5822, 15.6359

Protanopia

12.9085, 13.4251, 14.7429

Deuteranopia

13.7666, 13.5554, 15.8008



Tritanopia

12.3111, 13.6468, 17.9048

Trichromacy



Original Color

11.7897, 13.5822, 15.6359

Protanomaly

12.4860, 13.4968, 15.0438

Deuteranomaly

12.9836, 13.5868, 15.8481

Tritanomaly

12.0478, 13.5305, 17.0156

Monochromacy



Original Color

11.7897, 13.5822, 15.6359

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.1223, 13.1666, 14.7345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7897, 13.5822, 15.6359 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(87, 107, 106) looks like.

```
.text, #text, p{  
    color:rgb(87, 107, 106)  
}
```

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(87, 107, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 107, 106) }
```

Border

The CSS property to change the border of an element to XYZ 11.7897, 13.5822, 15.6359 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(87, 107, 106) }
```


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

```
.border{ border-color:rgb(87, 107, 106) }
```

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

Here you see how a box with a 4 pixel rgb(87, 107, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 107, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 107, 106);  
box-shadow:4px 4px 4px 4px rgb(87, 107,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7897, 13.5822, 15.6359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 107, 106) }
```

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

```
.background{ background-color: rgb(87, 107,  
106) }
```

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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