

Converting Colors

XYZ(11.2459, 15.1374, 25.1945)

Have a look what the booklet for
XYZ(11.2459, 15.1374, 25.1945)
contains.

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Color

**XYZ(11.2195, 15.0715,
25.2394)**

Conversions

Conversions Part 1	
Format	Color
Hex	127787
RGB	18, 119, 135
RGB Percent	7%, 47%, 53%
CMY	0.9293, 0.5333, 0.4706
CMYK	0.87, 0.12, 0.00, 0.47
HSL	188°, 76%, 30%
HSV	188°, 87%, 53%
XYZ	11.2195, 15.0715, 25.2394
YIQ	90.6250, -65.3320, -16.4360

Conversions

Conversions Part 2

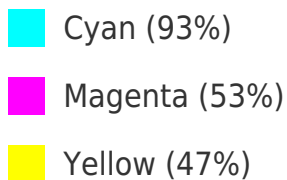
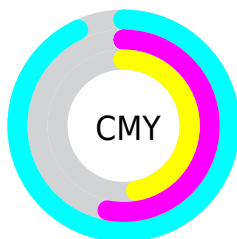
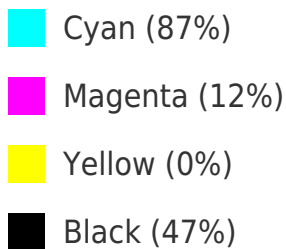
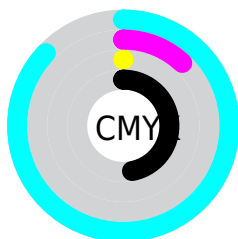
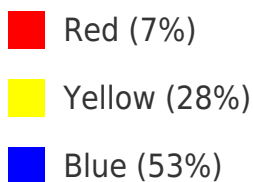
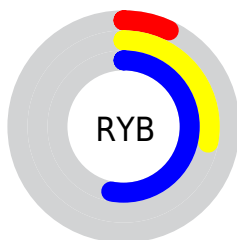
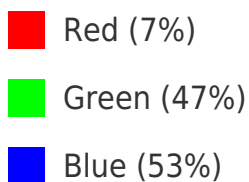
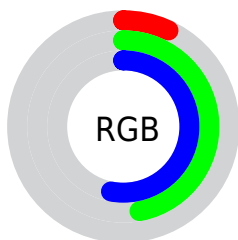
Format	Color
RYB	18, 72, 135
Decimal	1210247
CIELab	45.73, -20.81, -16.42
CIELCh	46, 26.513, 218.276
Yxy	15.0715, 0.2177, 0.2925
Android (android.graphics.Color)	4279400327 (0xFF127787)
YUV	90.6250, 21.8769, -63.6921
Hunter-Lab	38.8220, -16.3524, -11.3708

Details

The XYZ color **11.2195, 15.0715, 25.2394** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **10.6736, 6.3396, 1.2341**, and the grayscale version is **9.8229, 10.3344, 11.2542**.

A 20% lighter version of the original color is **27.5705, 34.7829, 52.8376**, and **3.8299, 5.0362, 9.3646** is the 20% darker color. If you saturate the color by 10%, you get **10.8091, 14.5372, 25.1582**, and if you desaturate by 10%, it is **11.7729, 15.6865, 25.3292**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 11.2195, 15.0715, 25.2394 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 11.2195, 15.0715, 25.2394 by changing the saturation by 10% instead.

 11.2195, 15.0715,
25.2394


 11.2195, 15.0715,
25.2394


193.0447,
223.7986, 292.5138


 6.2831, 8.8696,
16.0349


 27.6947, 34.9786,
53.0143


 3.0602, 4.6562,
9.3942


 39.9642, 49.4525,
72.4217


 1.1857, 2.0470,
4.8989


 55.4087, 67.4526,
96.0671

 0.0950, 0.6346,
2.1304

 74.3937, 89.3631,
124.3691

 0.0000, 0.0000,
0.6337

 97.2844, 115.5686,
157.7463

 0.0000, 0.0000,
0.0000

 124.4462,

146.4535, 196.6171

156.2445,
182.4020, 241.4001

■ 11.2195, 15.0715,
25.2394

■ 11.2195, 15.0715,
25.2394

■ 10.8091, 14.5372,
25.1582

■ 11.7729, 15.6865,
25.3292

■ 10.6807, 14.3643,
25.1316

■ 12.5012, 16.3977,
25.4281

■ 13.4239, 17.2155,
25.5373

■ 14.5574, 18.1485,
25.6577

■ 15.9163, 19.2041,
25.7898

■ 17.5139, 20.3893,
25.9344

■ 19.3625, 21.7105,
26.0920

■ 21.4736, 23.1735,
26.2631

■ 23.8578, 24.7839,
26.4483

Harmonies

Analogous

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



10.4916, 15.0715, 18.2395



11.2195, 15.0715, 25.2394



12.7978, 15.0715, 30.6426

Triad

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



11.2195, 15.0715, 25.2394



18.6825, 15.0715, 21.3810



13.7175, 15.0715, 7.0202

Complementary

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



11.2195, 15.0715, 25.2394



10.6736, 6.3396, 1.2341

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.



15.9692, 15.0715, 7.4507



11.2195, 15.0715, 25.2394



18.9941, 15.0715, 14.7077

Square

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



11.2195, 15.0715, 25.2394



17.1446, 15.0715, 28.0431



17.9564, 15.0715, 9.9256



11.8328, 15.0715, 8.5429

Rectangle

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



11.2195, 15.0715, 25.2394



14.1965, 15.0715, 31.9738



17.9564, 15.0715, 9.9256



14.4542, 15.0715, 6.9511

Sweetspot

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



11.2200, 15.0720, 25.2398



31.3859, 36.5291, 46.4450



9.1970, 17.5702, 4.3910



7.0595, 8.3068, 10.7376



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.



11.2200, 15.0720, 25.2398



19.0413, 25.5522, 44.9768



6.2870, 5.2060, 23.5954



4.7488, 5.1732, 5.9490



9.8559, 13.2597, 23.1766



0.0379, 0.0534, 0.0815

Inverse Universe

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



13.5382, 6.9161, 18.0746



23.5514, 11.4876, 30.6330



13.9375, 12.8674, 2.3221



4.8312, 4.7522, 5.7236



12.1529, 5.9255, 15.9096



0.0440, 0.0213, 0.0650

Previews

White Background



This preview shows how the XYZ color 11.2195, 15.0715, 25.2394 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 11.2195, 15.0715, 25.2394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

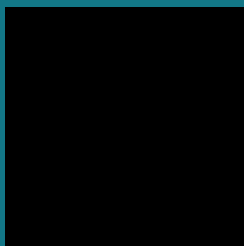
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

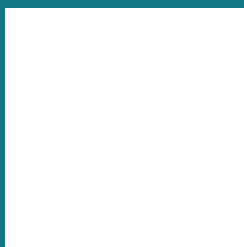
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.2195, 15.0715, 25.2394

Background



This preview shows how black text looks on a background with the XYZ color 11.2195, 15.0715, 25.2394.

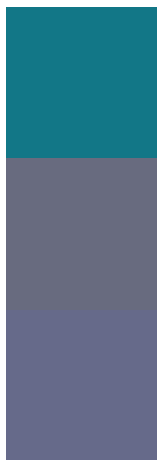


This preview shows how white text looks on a background with the XYZ color 11.2195, 15.0715,

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

11.2195, 15.0715, 25.2394

Protanopia

14.7974, 14.9908, 22.1923

Deuteranopia

15.2210, 14.9678, 26.1316



Tritanopia

10.7457, 15.0446, 23.4566

Trichromacy

	Original Color 11.2195, 15.0715, 25.2394
	Protanomaly 12.4614, 14.3971, 23.2412
	Deuteranomaly 12.7983, 14.5146, 25.7940
	Tritanomaly 10.9690, 15.1441, 24.1748

Monochromacy

	Original Color 11.2195, 15.0715, 25.2394
	Achromatopsia 9.9438, 10.4616, 11.3927
	Achromatomaly 9.4219, 11.4589, 15.6251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2195, 15.0715, 25.2394 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(18, 119, 135)` looks like.

```
.text, #text, p{  
    color:rgb(18, 119, 135)  
}
```

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(18, 119, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 119, 135) }
```

Border

The CSS property to change the border of an element to XYZ 11.2195, 15.0715, 25.2394 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(18, 119, 135) }
```


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

```
.border{ border-color:rgb(18, 119, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 119, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 119, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 119, 135);  
box-shadow:4px 4px 4px 4px rgb(18, 119,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2195, 15.0715, 25.2394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 119, 135) }
```

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

```
.background{ background-color: rgb(18, 119,  
135) }
```

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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