

Converting Colors

XYZ(11.5846, 15.7900, 25.7298)

Have a look what the booklet for
XYZ(11.5846, 15.7900, 25.7298)
contains.

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Color

**XYZ(11.5846, 15.7900,
25.7298)**

Conversions

Conversions Part 1

Format	Color
Hex	0E7A88
RGB	14, 122, 136
RGB Percent	5%, 48%, 53%
CMY	0.9450, 0.5216, 0.4667
CMYK	0.90, 0.10, 0.00, 0.47
HSL	187°, 81%, 29%
HSV	187°, 90%, 53%
XYZ	11.5846, 15.7900, 25.7298
YIQ	91.3040, -68.8620, -18.5420

Conversions

Conversions Part 2

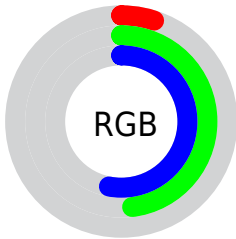
Format	Color
RYB	14, 71, 136
Decimal	948872
CIELab	46.70, -22.34, -15.55
CIElCh	47, 27.222, 214.833
Yxy	15.7900, 0.2181, 0.2973
Android (android.graphics.Color)	4279138952 (0xFF0E7A88)
YUV	91.3040, 22.0351, -67.7956
Hunter-Lab	39.7366, -17.5002, -10.5751

Details

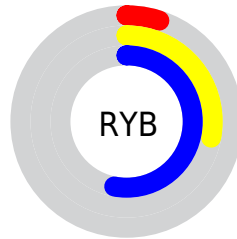
The XYZ color **11.5846, 15.7900, 25.7298** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **10.6485, 6.0974, 1.0317**, and the grayscale version is **9.9771, 10.4966, 11.4308**.

A 20% lighter version of the original color is **28.3530, 36.3125, 53.6588**, and **4.0623, 5.4370, 9.6394** is the 20% darker color. If you saturate the color by 10%, you get **11.2188, 15.3195, 25.6586**, and if you desaturate by 10%, it is **12.0654, 16.3250, 25.8080**.

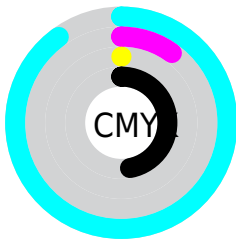
Distribution



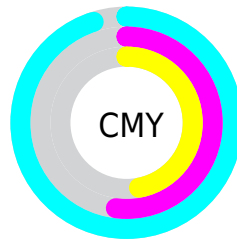
- Red (5%)
- Green (48%)
- Blue (53%)



- Red (5%)
- Yellow (28%)
- Blue (53%)



- Cyan (90%)
- Magenta (10%)
- Yellow (0%)
- Black (47%)



- Cyan (95%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5846, 15.7900, 25.7298 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 11.5846, 15.7900, 25.7298 by changing the saturation by 10% instead.

■ 11.5846, 15.7900,
25.7298

■ 11.5846, 15.7900,
25.7298

■ 195.4621,
228.0993, 295.0163

■ 6.5317, 9.3757,
16.3977

■ 28.3597, 36.2332,
53.8174

■ 3.2147, 4.9870,
9.6486

■ 40.8126, 51.0310,
73.4100

■ 1.2683, 2.2396,
5.0640

■ 56.4629, 69.3919,
97.2599

■ 0.1593, 0.7415,
2.2255

■ 75.6758, 91.7005,
125.7854

■ 0.0000, 0.0000,
0.6890

■ 98.8169, 118.3412,
159.4053

■ 0.0000, 0.0000,
0.0000

■ 126.2514,

149.6983, 198.5381

158.3447,
186.1562, 243.6022

■ 11.5846, 15.7900,
25.7298

■ 11.5846, 15.7900,
25.7298

■ 11.2188, 15.3195,
25.6586

■ 12.0654, 16.3250,
25.8080

■ 11.2078, 15.3053,
25.6564

■ 12.7164, 16.9520,
25.8947

■ 13.5582, 17.6819,
25.9913

■ 14.6083, 18.5239,
26.0984

■ 15.8820, 19.4858,
26.2170

■ 17.3933, 20.5749,
26.3475

■ 19.1551, 21.7978,
26.4907

■ 21.1791, 23.1605,
26.6471

■ 23.4764, 24.6690,
26.8171

Harmonies

Analogous

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



10.9272, 15.7900, 18.3103



11.5846, 15.7900, 25.7298



13.1607, 15.7900, 31.8311

Triad

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



11.5846, 15.7900, 25.7298



19.4982, 15.7900, 23.3288



14.6291, 15.7900, 7.2262

Complementary

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



11.5846, 15.7900, 25.7298



10.6485, 6.0974, 1.0317

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.



17.0204, 15.7900, 7.9128



11.5846, 15.7900, 25.7298



19.9958, 15.7900, 16.1214

Square

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



11.5846, 15.7900, 25.7298



17.7503, 15.7900, 30.2095



19.0468, 15.7900, 10.7897



12.5636, 15.7900, 8.5832

Rectangle

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



11.5846, 15.7900, 25.7298



14.6032, 15.7900, 33.6440



19.0468, 15.7900, 10.7897



15.4201, 15.7900, 7.2299

Sweetspot

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



11.5851, 15.7906, 25.7302



31.2687, 36.6928, 46.4827



9.1745, 17.7776, 3.9378



7.0447, 8.3589, 10.7485



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.



11.5851, 15.7906, 25.7302



19.6793, 26.8282, 45.1895



6.3924, 5.4052, 23.9993



5.1247, 5.5923, 6.4152



10.6120, 14.4943, 24.2841



0.0769, 0.1092, 0.1635

Inverse Universe

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



13.8237, 6.9540, 19.0266



23.8734, 11.6164, 32.3288



13.6579, 12.1161, 2.0349



5.2096, 5.1193, 6.1920



12.8432, 6.2474, 17.4767



0.0886, 0.0428, 0.1332

Previews

White Background



This preview shows how the XYZ color 11.5846, 15.7900, 25.7298 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 11.5846, 15.7900, 25.7298 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 11.5846, 15.7900, 25.7298

Background



This preview shows how black text looks on a background with the XYZ color 11.5846, 15.7900, 25.7298.

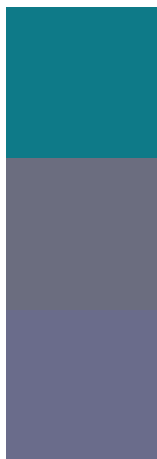


This preview shows how white text looks on a background with the XYZ color 11.5846, 15.7900,

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

11.5846, 15.7900, 25.7298

Protanopia

15.3628, 15.5954, 22.2792

Deuteranopia

15.9666, 15.6534, 26.6060



Tritanopia

11.3166, 15.8594, 24.6550

Trichromacy



Original Color

11.5846, 15.7900, 25.7298

Protanomaly

12.7942, 15.0628, 23.3522

Deuteranomaly

13.2402, 15.0617, 26.2541

Tritanomaly

11.4486, 15.9194, 25.0236

Monochromacy



Original Color

11.5846, 15.7900, 25.7298

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.4551, 11.6210, 15.6547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5846, 15.7900, 25.7298 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(14, 122, 136)` looks like.

```
.text, #text, p{  
    color:rgb(14, 122, 136)  
}
```

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(14, 122, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 122, 136) }
```

Border

The CSS property to change the border of an element to XYZ 11.5846, 15.7900, 25.7298 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(14, 122, 136) }
```


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

```
.border{ border-color:rgb(14, 122, 136) }
```

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

Here you see how a box with a 4 pixel rgb(14, 122, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 122, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 122, 136);  
box-shadow:4px 4px 4px 4px rgb(14, 122,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5846, 15.7900, 25.7298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 122, 136) }
```

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

```
.background{ background-color: rgb(14, 122,  
136) }
```

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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