

Converting Colors

XYZ(2.4743, 10.3103, 28.3290)

Have a look what the booklet for
XYZ(2.4743, 10.3103, 28.3290)
contains.

XYZ(11.5125, 14.9705, 28.6684)	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(11.5125, 14.9705,
28.6684)**

Conversions

Conversions Part 1

Format	Color
Hex	007690
RGB	0, 118, 144
RGB Percent	0%, 46%, 56%
CMY	0.9999, 0.5372, 0.4353
CMYK	1.00, 0.18, 0.00, 0.44
HSL	191°, 100%, 28%
HSV	191°, 100%, 56%
XYZ	11.5125, 14.9705, 28.6684
YIQ	85.6820, -78.6740, -16.9300

Conversions

Conversions Part 2

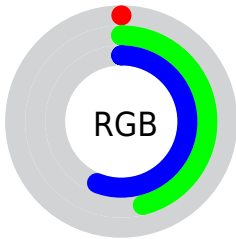
Format	Color
RYB	0, 65, 144
Decimal	30352
CIELab	45.59, -18.10, -21.99
CIELCh	46, 28.483, 230.541
Yxy	14.9705, 0.2087, 0.2714
Android (android.graphics.Color)	4278220432 (0xFF007690)
YUV	85.6820, 28.7508, -75.1431
Hunter-Lab	38.6917, -14.5989, -16.8464

Details

The XYZ color **11.5125, 14.9705, 28.6684** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **11.8717, 6.6692, 0.6622**, and the grayscale version is **8.7327, 9.1875, 10.0052**.

A 20% lighter version of the original color is **28.2239, 34.7115, 58.6385**, and **4.1485, 5.0644, 11.3486** is the 20% darker color. If you saturate the color by 10%, you get **11.5122, 14.9699, 28.6686**, and if you desaturate by 10%, it is **12.0109, 15.6886, 28.7810**.

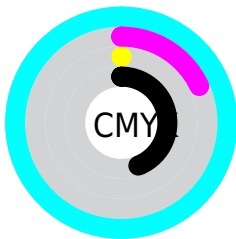
Distribution



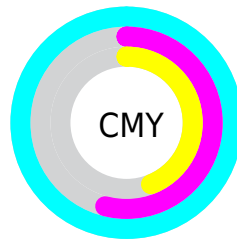
- Red (0%)
- Green (46%)
- Blue (56%)



- Red (0%)
- Yellow (25%)
- Blue (56%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5125, 14.9705, 28.6684 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 11.5125, 14.9705, 28.6684 by changing the saturation by 10% instead.

■ 11.5125, 14.9705,
28.6684

■ 11.5125, 14.9705,
28.6684

■ 194.9872,
223.1876, 309.6590

■ 6.4825, 8.7987,
18.5867

■ 28.2287, 34.8014,
58.5857

■ 3.1840, 4.6101,
11.1982

■ 40.6456, 49.2293,
79.2584

■ 1.2518, 2.0204,
6.0845

■ 56.2554, 67.1780,
104.2985

■ 0.1467, 0.6193,
2.8269

■ 75.4237, 89.0319,
134.1245

■ 0.0000, 0.0000,
1.0069

■ 98.5156, 115.1755,
169.1551

■ 0.0000, 0.0000,
0.0000

■ 125.8966,

145.9930, 209.8086

157.9320,
181.8689, 256.5037

■ 11.5125, 14.9705,
28.6684

■ 11.5125, 14.9705,
28.6684

■ 11.5122, 14.9699,
28.6686

■ 12.0109, 15.6886,
28.7810

■ 12.6439, 16.4884,
28.9021

■ 13.4754, 17.4033,
29.0348

■ 14.5290, 18.4456,
29.1805

■ 15.8250, 19.6257,
29.3399

■ 17.3813, 20.9530,
29.5141

■ 19.2141, 22.4360,
29.7038

■ 21.3380, 24.0822,
29.9096

■ 23.7670, 25.8990,
30.1322

Harmonies

Analogous

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



10.3570, 14.9705, 21.3491



11.5125, 14.9705, 28.6684



13.4896, 14.9705, 32.9622

Triad

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



11.5125, 14.9705, 28.6684



19.2413, 14.9705, 18.5521



12.6818, 14.9705, 6.8450

Complementary

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



11.5125, 14.9705, 28.6684



11.8717, 6.6692, 0.6622

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.



14.9950, 14.9705, 6.4839



11.5125, 14.9705, 28.6684



18.9627, 14.9705, 12.1178

Square

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



11.5125, 14.9705, 28.6684



18.0658, 14.9705, 26.1371



17.3424, 14.9705, 8.1262



10.9780, 14.9705, 9.3051

Rectangle

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



11.5125, 14.9705, 28.6684



15.0834, 14.9705, 32.8935



17.3424, 14.9705, 8.1262



13.4075, 14.9705, 6.5072

Sweetspot

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



11.5130, 14.9710, 28.6688



33.6699, 39.3980, 52.3680



10.1387, 20.0129, 4.1937



7.4304, 8.8022, 11.9796



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



11.5130, 14.9710, 28.6688



20.1942, 26.1822, 50.5274



6.0920, 4.1290, 26.8618



5.4786, 5.9530, 6.8891



10.0404, 13.0668, 24.9700



0.1100, 0.1528, 0.2434

Inverse Universe

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



14.7721, 7.2379, 17.7585



25.9976, 12.7425, 31.0255



15.6855, 14.2966, 1.9335



5.5851, 5.4945, 6.5789



12.8710, 6.3054, 15.5041



0.1301, 0.0631, 0.1853

Previews

White Background



This preview shows how the XYZ color 11.5125, 14.9705, 28.6684 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 11.5125, 14.9705, 28.6684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

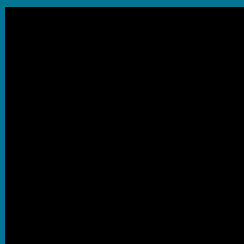
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5125, 14.9705, 28.6684

Background



This preview shows how black text looks on a background with the XYZ color 11.5125, 14.9705, 28.6684.



This preview shows how white text looks on a background with the XYZ color 11.5125, 14.9705,

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

11.5125, 14.9705, 28.6684

Protanopia

14.9572, 15.0023, 25.4000

Deuteranopia

15.2444, 14.9014, 29.6766



Tritanopia

10.6789, 15.0179, 23.1048

Trichromacy



Original Color

11.5125, 14.9705, 28.6684

Protanomaly

12.4590, 14.3229, 26.5340

Deuteranomaly

12.6887, 14.2193, 29.2700

Tritanomaly

10.8999, 14.9149, 24.8586

Monochromacy



Original Color

11.5125, 14.9705, 28.6684

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

8.5971, 10.6091, 15.5046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5125, 14.9705, 28.6684 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(0, 118, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 144)  
}
```

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(0, 118, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 144) }
```

Border

The CSS property to change the border of an element to XYZ 11.5125, 14.9705, 28.6684 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(0, 118, 144) }
```


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

```
.border{ border-color:rgb(0, 118, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 144);  
box-shadow:4px 4px 4px 4px rgb(0, 118,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5125, 14.9705, 28.6684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 144) }
```

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

```
.background{ background-color: rgb(0, 118,  
144) }
```

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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