

Converting Colors

XYZ(11.1317, 14.6600, 27.1507)

Have a look what the booklet for
XYZ(11.1317, 14.6600, 27.1507)
contains.

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Color

**XYZ(11.0949, 14.6160,
27.0474)**

Conversions

Conversions Part 1

Format	Color
Hex	00758C
RGB	0, 117, 140
RGB Percent	0%, 46%, 55%
CMY	0.9999, 0.5412, 0.4510
CMYK	1.00, 0.16, 0.00, 0.45
HSL	190°, 100%, 27%
HSV	190°, 100%, 55%
XYZ	11.0949, 14.6160, 27.0474
YIQ	84.6390, -77.1150, -17.6510

Conversions

Conversions Part 2

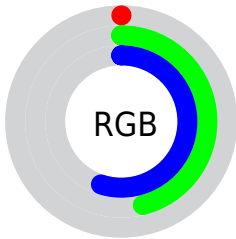
Format	Color
RYB	0, 64, 140
Decimal	30092
CIELab	45.10, -19.02, -20.37
CIELCh	45, 27.869, 226.971
Yxy	14.6160, 0.2103, 0.2770
Android (android.graphics.Color)	4278220172 (0xFF00758C)
YUV	84.6390, 27.2930, -74.2284
Hunter-Lab	38.2309, -15.1019, -15.1846

Details

The XYZ color **11.0949, 14.6160, 27.0474** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **11.1222, 6.1891, 0.6090**, and the grayscale version is **8.5171, 8.9606, 9.7581**.

A 20% lighter version of the original color is **27.4929, 34.1100, 56.1738**, and **3.9126, 4.8724, 10.4071** is the 20% darker color. If you saturate the color by 10%, you get **11.0948, 14.6157, 27.0476**, and if you desaturate by 10%, it is **11.5479, 15.2526, 27.1467**.

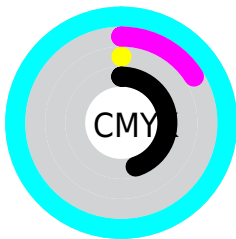
Distribution



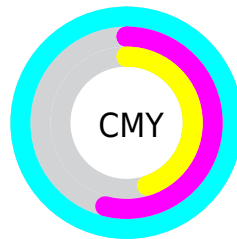
- Red (0%)
- Green (46%)
- Blue (55%)



- Red (0%)
- Yellow (25%)
- Blue (55%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0949, 14.6160, 27.0474 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 11.0949, 14.6160, 27.0474 by changing the saturation by 10% instead.

■ 11.0949, 14.6160,
27.0474

■ 11.0949, 14.6160,
27.0474

■ 192.2123,
221.0300, 301.6540

■ 6.1985, 8.5503,
17.3761

■ 27.4669, 34.1781,
55.9646

■ 3.0079, 4.4491,
10.3382

■ 39.6732, 48.4433,
76.0475

■ 1.1580, 1.9278,
5.5152

■ 55.0468, 66.2105,
100.4381

■ 0.0728, 0.5650,
2.4887

■ 73.9531, 87.8641,
129.5548

■ 0.0000, 0.0000,
0.8341

■ 96.7575, 113.7885,
163.8162

■ 0.0000, 0.0000,
0.0000

■ 123.8252,

144.3680, 203.6408

155.5217,
179.9870, 249.4472

■ 11.0949, 14.6160,
27.0474

■ 11.0949, 14.6160,
27.0474

■ 11.0948, 14.6157,
27.0476

■ 11.5479, 15.2526,
27.1467

■ 12.1239, 15.9621,
27.2533

■ 12.8847, 16.7769,
27.3705

■ 13.8524, 17.7083,
27.4992

■ 15.0458, 18.7661,
27.6405

■ 16.4815, 19.9589,
27.7951

■ 18.1745, 21.2946,
27.9637

■ 20.1387, 22.7803,
28.1469

■ 22.3869, 24.4227,
28.3454

Harmonies

Analogous

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



10.0866, 14.6160, 19.8929



11.0949, 14.6160, 27.0474



12.9214, 14.6160, 31.6628

Triad

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



11.0949, 14.6160, 27.0474



18.6467, 14.6160, 18.9348



12.6442, 14.6160, 6.6331

Complementary

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



11.0949, 14.6160, 27.0474



11.1222, 6.1891, 0.6090

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.



14.9102, 14.6160, 6.5084



11.0949, 14.6160, 27.0474



18.5513, 14.6160, 12.5051

Square

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



11.0949, 14.6160, 27.0474



17.3716, 14.6160, 26.1818



17.1238, 14.6160, 8.3521



10.9113, 14.6160, 8.7582

Rectangle

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



11.0949, 14.6160, 27.0474



14.4342, 14.6160, 32.0308



17.1238, 14.6160, 8.3521



13.3637, 14.6160, 6.3816

Sweetspot

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



11.0954, 14.6165, 27.0478



31.8351, 37.3829, 49.2807



9.5140, 18.8108, 3.8397



7.0694, 8.4063, 11.3294



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.0954, 14.6165, 27.0478



19.4610, 25.5691, 47.6526



5.8328, 4.0913, 25.2936



5.1041, 5.5511, 6.4083



9.8701, 13.0106, 24.0368



0.0742, 0.1037, 0.1626

Inverse Universe

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



14.0265, 6.8603, 17.4150



24.6783, 12.0740, 30.4371



14.5572, 13.0590, 1.7539



5.1992, 5.1151, 6.1372



12.4688, 6.0976, 15.5049



0.0872, 0.0423, 0.1259

Previews

White Background



This preview shows how the XYZ color 11.0949, 14.6160, 27.0474 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 11.0949, 14.6160, 27.0474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

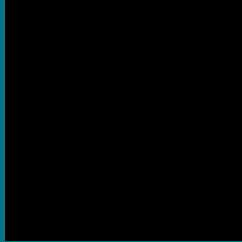
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.0949, 14.6160, 27.0474

Background



This preview shows how black text looks on a background with the XYZ color 11.0949, 14.6160, 27.0474.

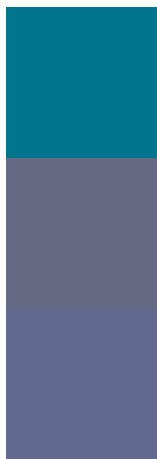


This preview shows how white text looks on a background with the XYZ color 11.0949, 14.6160,

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

11.0949, 14.6160, 27.0474

Protanopia

14.4720, 14.4784, 23.8617

Deuteranopia

14.9393, 14.6277, 28.0226



Tritanopia

10.3747, 14.5154, 22.6770

Trichromacy



Original Color

11.0949, 14.6160, 27.0474

Protanomaly

11.9562, 13.7765, 24.9507

Deuteranomaly

12.3377, 13.9144, 27.6267

Tritanomaly

10.6433, 14.6228, 24.0913

Monochromacy



Original Color

11.0949, 14.6160, 27.0474

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

8.3458, 10.3536, 14.9232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0949, 14.6160, 27.0474 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, 117, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 140)  
}
```

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, 117, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 140) }
```

Border

The CSS property to change the border of an element to XYZ 11.0949, 14.6160, 27.0474 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, 117, 140) }
```


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

```
.border{ border-color:rgb(0, 117, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 117, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 117,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0949, 14.6160, 27.0474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 117, 140) }
```

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

```
.background{ background-color: rgb(0, 117,  
140) }
```

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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