

Converting Colors

XYZ(11.3318, 14.7903, 27.1655)

Have a look what the booklet for
XYZ(11.3318, 14.7903, 27.1655)
contains.

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Color

**XYZ(11.2760, 14.7094,
27.0558)**

Conversions

Conversions Part 1

Format	Color
Hex	0E758C
RGB	14, 117, 140
RGB Percent	5%, 46%, 55%
CMY	0.9450, 0.5412, 0.4510
CMYK	0.90, 0.16, 0.00, 0.45
HSL	191°, 82%, 30%
HSV	191°, 90%, 55%
XYZ	11.2760, 14.7094, 27.0558
YIQ	88.8250, -68.7710, -14.6830

Conversions

Conversions Part 2

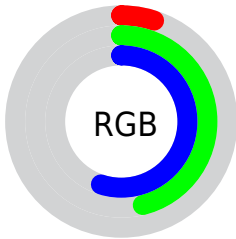
Format	Color
RYB	14, 71, 140
Decimal	947596
CIELab	45.23, -18.25, -20.16
CIELCh	45, 27.198, 227.842
Yxy	14.7094, 0.2126, 0.2773
Android (android.graphics.Color)	4279137676 (0xFF0E758C)
YUV	88.8250, 25.2293, -65.6215
Hunter-Lab	38.3528, -14.6372, -14.9788

Details

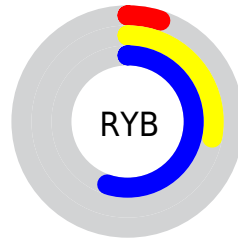
The XYZ color **11.2760, 14.7094, 27.0558** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **11.5567, 6.9312, 1.1447**, and the grayscale version is **9.4149, 9.9052, 10.7868**.

A 20% lighter version of the original color is **27.7633, 34.2494, 56.1865**, and **3.9736, 4.9944, 10.4275** is the 20% darker color. If you saturate the color by 10%, you get **10.8016, 14.0290, 26.9498**, and if you desaturate by 10%, it is **11.8763, 15.4673, 27.1707**.

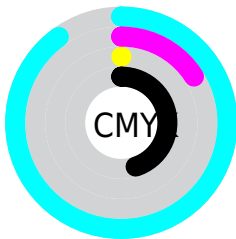
Distribution



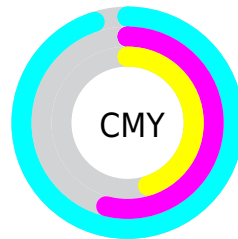
- Red (5%)
- Green (46%)
- Blue (55%)



- Red (5%)
- Yellow (28%)
- Blue (55%)



- Cyan (90%)
- Magenta (16%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2760, 14.7094, 27.0558 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 11.2760, 14.7094, 27.0558 by changing the saturation by 10% instead.

■ 11.2760, 14.7094,
27.0558

■ 11.2760, 14.7094,
27.0558

■ 193.4209,
221.6005, 301.6959

■ 6.3215, 8.6157,
17.3823

■ 27.7979, 34.3426,
55.9782

■ 3.0840, 4.4914,
10.3426

■ 40.0959, 48.6508,
76.0643

■ 1.1984, 1.9521,
5.5181

■ 55.5725, 66.4660,
100.4582

■ 0.1051, 0.5794,
2.4904

■ 74.5929, 88.1726,
129.5786

■ 0.0000, 0.0000,
0.8350

■ 97.5226, 114.1550,
163.8441

■ 0.0000, 0.0000,
0.0000

■ 124.7270,

144.7975, 203.6731

156.5713,
180.4845, 249.4842

■ 11.2760, 14.7094,
27.0558

■ 11.2760, 14.7094,
27.0558

■ 10.8016, 14.0290,
26.9498

■ 11.8763, 15.4673,
27.1707

■ 10.8011, 14.0283,
26.9497

■ 12.6626, 16.3329,
27.2964

■ 13.6572, 17.3182,
27.4341

■ 14.8790, 18.4329,
27.5849

■ 16.3446, 19.6859,
27.7495

■ 18.0692, 21.0848,
27.9286

■ 20.0666, 22.6370,
28.1230

■ 22.3495, 24.3491,
28.3331

■ 24.9300, 26.2274,
28.5596

Harmonies

Analogous

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



10.2570, 14.7094, 20.1159



11.2760, 14.7094, 27.0558



13.0902, 14.7094, 31.4197

Triad

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



11.2760, 14.7094, 27.0558



18.6459, 14.7094, 18.7669



12.6979, 14.7094, 6.8866

Complementary

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



11.2760, 14.7094, 27.0558



11.5567, 6.9312, 1.1447

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.



14.9110, 14.7094, 6.7072



11.2760, 14.7094, 27.0558



18.5118, 14.7094, 12.5149

Square

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



11.2760, 14.7094, 27.0558



17.4358, 14.7094, 25.8431



17.0869, 14.7094, 8.4810



11.0154, 14.7094, 9.0619

Rectangle

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



11.2760, 14.7094, 27.0558



14.5789, 14.7094, 31.6740



17.0869, 14.7094, 8.4810



13.3994, 14.7094, 6.6170

Sweetspot

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



11.2765, 14.7099, 27.0562



32.6640, 37.8103, 49.3195



9.8631, 18.9713, 4.7330



7.2992, 8.5327, 11.3417



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.



11.2765, 14.7099, 27.0562



18.9354, 24.5177, 47.4774



6.3297, 4.8163, 25.4072



5.0965, 5.5360, 6.4058



9.6102, 12.4908, 23.9501



0.0732, 0.1017, 0.1622

Inverse Universe

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



14.1835, 7.1744, 17.4674



24.4130, 11.9679, 29.0399



15.2629, 14.3436, 2.3801



5.1953, 5.1136, 6.1172



12.3376, 6.0452, 14.8140



0.0867, 0.0420, 0.1233

Previews

White Background



This preview shows how the XYZ color 11.2760, 14.7094, 27.0558 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 11.2760, 14.7094, 27.0558 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 11.2760, 14.7094, 27.0558

Background



This preview shows how black text looks on a background with the XYZ color 11.2760, 14.7094, 27.0558.

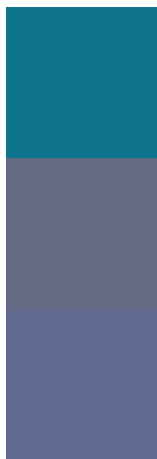


This preview shows how white text looks on a background with the XYZ color 11.2760, 14.7094,

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

11.2760, 14.7094, 27.0558

Protanopia

14.5744, 14.6833, 23.8958

Deuteranopia

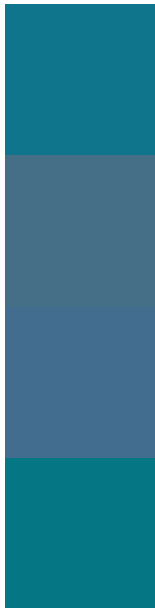
14.9393, 14.6277, 28.0226



Tritanopia

10.4931, 14.7522, 22.7165

Trichromacy



Original Color

11.2760, 14.7094, 27.0558

Protanomaly

12.4033, 14.1663, 25.0023

Deuteranomaly

12.6659, 14.0836, 27.6420

Tritanomaly

10.7059, 14.6551, 24.0942

Monochromacy



Original Color

11.2760, 14.7094, 27.0558

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

9.1552, 11.0305, 15.8339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2760, 14.7094, 27.0558 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, 117, 140)` looks like.

```
.text, #text, p{  
    color:rgb(14, 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(14, 117, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 117, 140) }
```

Border

The CSS property to change the border of an element to XYZ 11.2760, 14.7094, 27.0558 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, 117, 140) }
```


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

```
.border{ border-color:rgb(14, 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(14, 117, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 117, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 117, 140);  
box-shadow:4px 4px 4px 4px rgb(14, 117,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2760, 14.7094, 27.0558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 117, 140) }
```

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

```
.background{ background-color: rgb(14, 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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