

Converting Colors

XYZ(10.9817, 14.8596, 19.7283)

Have a look what the booklet for
XYZ(10.9817, 14.8596, 19.7283)
contains.

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Color

**XYZ(11.0271, 14.9172,
19.7509)**

Conversions

Conversions Part 1

Format	Color
Hex	307677
RGB	48, 118, 119
RGB Percent	19%, 46%, 47%
CMY	0.8118, 0.5372, 0.5333
CMYK	0.60, 0.01, 0.00, 0.53
HSL	181°, 43%, 33%
HSV	181°, 60%, 47%
XYZ	11.0271, 14.9172, 19.7509
YIQ	97.1840, -42.0410, -14.5290

Conversions

Conversions Part 2

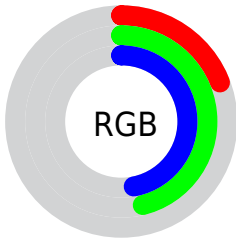
Format	Color
RYB	48, 83, 119
Decimal	3176055
CIELab	45.52, -21.31, -7.15
CIElCh	46, 22.479, 198.535
Yxy	14.9172, 0.2413, 0.3265
Android (android.graphics.Color)	4281366135 (0xFF307677)
YUV	97.1840, 10.7553, -43.1344
Hunter-Lab	38.6228, -16.6268, -3.2837

Details

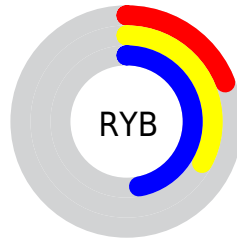
The XYZ color **11.0271, 14.9172, 19.7509** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.2397, 6.3321, 3.5317**, and the grayscale version is **11.3897, 11.9828, 13.0493**.

A 20% lighter version of the original color is **27.2049, 34.5145, 43.7562**, and **3.2655, 4.7112, 6.6985** is the 20% darker color. If you saturate the color by 10%, you get **10.5200, 14.6269, 19.7219**, and if you desaturate by 10%, it is **11.6858, 15.2864, 19.7877**.

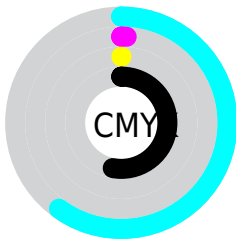
Distribution



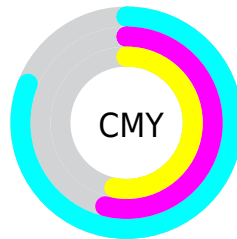
- Red (19%)
- Green (46%)
- Blue (47%)



- Red (19%)
- Yellow (33%)
- Blue (47%)



- Cyan (60%)
- Magenta (1%)
- Yellow (0%)
- Black (53%)



- Cyan (81%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0271, 14.9172, 19.7509 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 11.0271, 14.9172, 19.7509 by changing the saturation by 10% instead.

■ 11.0271, 14.9172,
19.7509

■ 11.0271, 14.9172,
19.7509

191.7578,
222.8645, 263.1229

■ 6.1525, 8.7613,
12.0318

■ 27.3428, 34.7079,
43.8526

■ 2.9796, 4.5858,
6.6426

■ 39.5146, 49.1114,
61.0723

■ 1.1430, 2.0064,
3.1645

■ 54.8494, 67.0329,
82.2960

■ 0.0606, 0.6112,
1.1793

■ 73.7128, 88.8569,
107.9422

■ 0.0000, 0.0000,
0.0000

■ 96.4699, 114.9676,
138.4295

■ 123.4863,

145.7495, 174.1763

155.1271,
181.5870, 215.6012

■ 11.0271, 14.9172,
19.7509

■ 11.0271, 14.9172,
19.7509

■ 10.5200, 14.6269,
19.7219

■ 11.6858, 15.2864,
19.7877

■ 10.1507, 14.4073,
19.6989

■ 12.5058, 15.7385,
19.8317

■ 9.9054, 14.2517,
19.6818

■ 13.4974, 16.2790,
19.8838

■ 9.7350, 14.1348,
19.6683

■ 14.6698, 16.9129,
19.9444

■ 9.7293, 14.1309,
19.6678

■ 16.0315, 17.6444,
20.0138

■ 17.5905, 18.4776,
20.0925

■ 19.3544, 19.4165,
20.1807

■ 21.3302, 20.4647,
20.2789

■ 23.5247, 21.6257,
20.3873

Harmonies

Analogous

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



10.9301, 14.9172, 14.2749



11.0271, 14.9172, 19.7509



11.9223, 14.9172, 25.2743

Triad

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



11.0271, 14.9172, 19.7509



17.0555, 14.9172, 24.0845



14.9072, 14.9172, 8.0784

Complementary

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



11.0271, 14.9172, 19.7509



9.2397, 6.3321, 3.5317

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.



16.7024, 14.9172, 9.6680



11.0271, 14.9172, 19.7509



18.0138, 14.9172, 18.3826

Square

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



11.0271, 14.9172, 19.7509



15.3557, 14.9172, 28.1321



17.8791, 14.9172, 13.1759



13.0628, 14.9172, 8.2870

Rectangle

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



11.0271, 14.9172, 19.7509



12.8994, 14.9172, 27.8724



17.8791, 14.9172, 13.1759



15.5392, 14.9172, 8.4029

Sweetspot

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



11.0275, 14.9178, 19.7513



26.5448, 30.4342, 35.7284



8.3495, 14.0357, 5.0656



6.1604, 7.1423, 8.4606



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.0275, 14.9178, 19.7513



18.5338, 26.0136, 35.2974



7.6806, 8.2239, 18.6356



3.7791, 4.1469, 4.6915



10.3361, 15.0118, 20.8954



50.3127, 73.0420, 101.8070

Inverse Universe

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



11.9351, 7.3441, 17.9288



20.3382, 11.1237, 31.6360



11.2732, 10.3989, 4.2095



3.8245, 3.7571, 4.6027



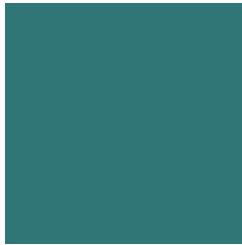
11.5143, 5.5394, 18.4483



56.0823, 26.9830, 89.7515

Previews

White Background



This preview shows how the XYZ color 11.0271, 14.9172, 19.7509 looks on a white background.

Color Contrast Check

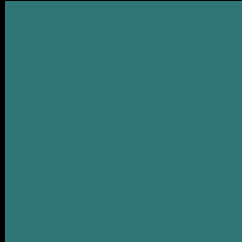
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0271, 14.9172, 19.7509 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 11.0271, 14.9172, 19.7509

Background



This preview shows how black text looks on a background with the XYZ color 11.0271, 14.9172, 19.7509.



This preview shows how white text looks on a background with the XYZ color 11.0271, 14.9172,

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

11.0271, 14.9172, 19.7509

Protanopia

14.3667, 14.8734, 17.4429

Deuteranopia

15.0187, 14.6853, 20.4553



Tritanopia

11.4924, 14.9327, 22.0153

Trichromacy



Original Color

11.0271, 14.9172, 19.7509

Protanomaly

12.6167, 14.5851, 18.3699

Deuteranomaly

12.9443, 14.3925, 20.1849

Tritanomaly

11.2518, 14.8307, 21.0085

Monochromacy



Original Color

11.0271, 14.9172, 19.7509

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.8258, 12.7853, 15.2618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0271, 14.9172, 19.7509 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(48, 118, 119)` looks like.

```
.text, #text, p{  
    color:rgb(48, 118, 119)  
}
```

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(48, 118, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 118, 119) }
```

Border

The CSS property to change the border of an element to XYZ 11.0271, 14.9172, 19.7509 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(48, 118, 119) }
```


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

```
.border{ border-color:rgb(48, 118, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 118, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 118, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 118, 119);  
box-shadow:4px 4px 4px 4px rgb(48, 118,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0271, 14.9172, 19.7509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 118, 119) }
```

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

```
.background{ background-color: rgb(48, 118,  
119) }
```

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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