

Converting Colors

XYZ(11.0389, 15.9762, 21.5815)

Have a look what the booklet for
XYZ(11.0389, 15.9762, 21.5815)
contains.

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Color

**XYZ(11.0268, 15.9639,
21.5689)**

Conversions

Conversions Part 1

Format	Color
Hex	0E7C7C
RGB	14, 124, 124
RGB Percent	5%, 49%, 49%
CMY	0.9451, 0.5137, 0.5137
CMYK	0.89, 0.00, 0.00, 0.51
HSL	180°, 80%, 27%
HSV	180°, 89%, 49%
XYZ	11.0268, 15.9639, 21.5689
YIQ	91.1100, -65.5600, -23.3200

Conversions

Conversions Part 2

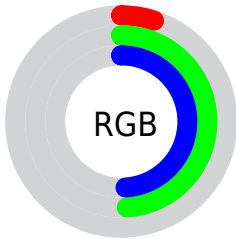
Format	Color
RYB	14, 69, 124
Decimal	949372
CIELab	46.93, -27.38, -8.09
CIELCh	47, 28.549, 196.467
Yxy	15.9639, 0.2271, 0.3287
Android (android.graphics.Color)	4279139452 (0xFF0E7C7C)
YUV	91.1100, 16.2148, -67.6255
Hunter-Lab	39.9548, -20.6583, -4.0382

Details

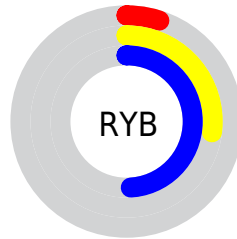
The XYZ color **11.0268, 15.9639, 21.5689** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8.5490, 4.6313, 0.8592**, and the grayscale version is **9.9447, 10.4626, 11.3938**.

A 20% lighter version of the original color is **27.3049, 36.5102, 46.6823**, and **3.7188, 5.4056, 7.5040** is the 20% darker color. If you saturate the color by 10%, you get **10.8662, 15.8814, 21.5617**, and if you desaturate by 10%, it is **11.2826, 16.0961, 21.5813**.

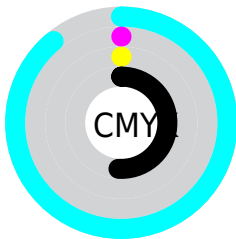
Distribution



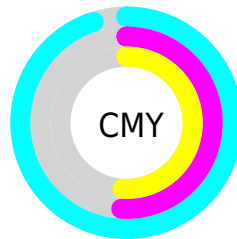
- Red (5%)
- Green (49%)
- Blue (49%)



- Red (5%)
- Yellow (27%)
- Blue (49%)



- Cyan (89%)
- Magenta (0%)
- Yellow (0%)
- Black (51%)



- Cyan (95%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0268, 15.9639, 21.5689 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 11.0268, 15.9639, 21.5689 by changing the saturation by 10% instead.

■ 11.0268, 15.9639,
21.5689

■ 11.0268, 15.9639,
21.5689

191.7558,
229.1286, 273.1663

■ 6.1523, 9.4986,
13.3452

■ 27.3422, 36.5355,
46.9255

■ 2.9794, 5.0678,
7.5332

■ 39.5139, 51.4106,
64.8954

■ 1.1429, 2.2871,
3.7143

■ 54.8486, 69.8578,
86.9512

■ 0.0606, 0.7669,
1.4699

■ 73.7117, 92.2615,
113.5113

■ 0.0000, 0.0000,
0.1954

■ 96.4687, 119.0060,
144.9943

■ 0.0000, 0.0000,
0.0000

■ 123.4848,

150.4758, 181.8188

155.1254,
187.0552, 224.4033

■ 11.0268, 15.9639,
21.5689

■ 11.0268, 15.9639,
21.5689

■ 10.8662, 15.8814,
21.5617

■ 11.2826, 16.0961,
21.5813

■ 10.8460, 15.8711,
21.5607

■ 11.6756, 16.2987,
21.5997

■ 12.2219, 16.5803,
21.6253

■ 12.9351, 16.9480,
21.6588

■ 13.8274, 17.4080,
21.7006

■ 14.9096, 17.9659,
21.7513

■ 16.1917, 18.6269,
21.8113

■ 17.6833, 19.3958,
21.8812

■ 19.3930, 20.2772,
21.9612

Harmonies

Analogous

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



10.9755, 15.9639, 14.3649



11.0268, 15.9639, 21.5689



12.1067, 15.9639, 29.3481

Triad

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



11.0268, 15.9639, 21.5689



18.9185, 15.9639, 28.6491



16.3222, 15.9639, 7.1634

Complementary

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



11.0268, 15.9639, 21.5689



8.5490, 4.6313, 0.8592

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.



18.7182, 15.9639, 9.2113



11.0268, 15.9639, 21.5689



20.3242, 15.9639, 20.7945

Square

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



11.0268, 15.9639, 21.5689



16.5723, 15.9639, 34.1401



20.2471, 15.9639, 13.7753



13.8552, 15.9639, 7.2646

Rectangle

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



11.0268, 15.9639, 21.5689



13.3395, 15.9639, 33.2411



20.2471, 15.9639, 13.7753



17.1677, 15.9639, 7.5927

Sweetspot

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



11.0273, 15.9645, 21.5693



26.4590, 31.7294, 38.2862



7.4982, 14.5563, 2.8302



6.0974, 7.4036, 9.0107



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.0273, 15.9645, 21.5693



19.0858, 27.9284, 37.9406



6.0625, 6.0347, 19.9147



4.1071, 4.5124, 5.0977



11.0257, 16.1339, 21.9179



52.5935, 76.9604, 104.5503

Inverse Universe

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



8.5490, 4.6313, 0.8592



14.6275, 7.5408, 0.6846



10.4092, 8.3518, 1.4792



3.9983, 4.0150, 4.1887



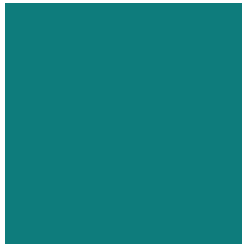
8.4502, 4.3562, 0.3955



40.3081, 20.7796, 1.8865

Previews

White Background



This preview shows how the XYZ color 11.0268, 15.9639, 21.5689 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 11.0268, 15.9639, 21.5689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

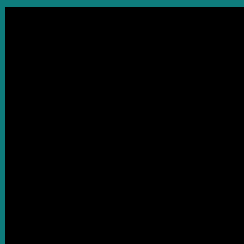
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.0268, 15.9639, 21.5689

Background



This preview shows how black text looks on a background with the XYZ color 11.0268, 15.9639, 21.5689.



This preview shows how white text looks on a background with the XYZ color 11.0268, 15.9639,

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

11.0268, 15.9639, 21.5689

Protanopia

15.2260, 15.7692, 18.4609

Deuteranopia

16.0689, 15.7943, 22.6238



Tritanopia

11.7426, 16.0790, 24.6750

Trichromacy



Original Color

11.0268, 15.9639, 21.5689

Protanomaly

12.3812, 15.1060, 19.4027

Deuteranomaly

12.9086, 15.1447, 22.3215

Tritanomaly

11.4431, 15.9482, 23.5943

Monochromacy



Original Color

11.0268, 15.9639, 21.5689

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.3483, 11.7365, 14.6046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0268, 15.9639, 21.5689 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, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(14, 124, 124)  
}
```

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, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 124, 124) }
```

Border

The CSS property to change the border of an element to XYZ 11.0268, 15.9639, 21.5689 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, 124, 124) }
```


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

```
.border{ border-color:rgb(14, 124, 124) }
```

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

Here you see how a box with a 4 pixel rgb(14, 124, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(14, 124,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0268, 15.9639, 21.5689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 124, 124) }
```

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

```
.background{ background-color: rgb(14, 124,  
124) }
```

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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