

Converting Colors

XYZ(11.0741, 16.0121, 20.8480)

Have a look what the booklet for
XYZ(11.0741, 16.0121, 20.8480)
contains.

XYZ(11.0739, 16.0026, 20.9175)	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(11.0739, 16.0026,
20.9175)**

Conversions

Conversions Part 1

Format	Color
Hex	177C7A
RGB	23, 124, 122
RGB Percent	9%, 49%, 48%
CMY	0.9098, 0.5137, 0.5216
CMYK	0.81, 0.00, 0.02, 0.51
HSL	179°, 69%, 29%
HSV	179°, 81%, 49%
XYZ	11.0739, 16.0026, 20.9175
YIQ	93.5730, -59.5540, -22.0340

Conversions

Conversions Part 2

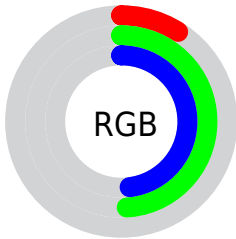
Format	Color
RYB	23, 74, 124
Decimal	1539194
CIELab	46.98, -27.25, -6.82
CIELCh	47, 28.090, 194.050
Yxy	16.0026, 0.2307, 0.3334
Android (android.graphics.Color)	4279729274 (0xFF177C7A)
YUV	93.5730, 14.0145, -61.8925
Hunter-Lab	40.0032, -20.5924, -3.0002

Details

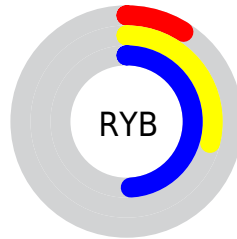
The XYZ color **11.0739, 16.0026, 20.9175** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8.7946, 4.9687, 1.4159**, and the grayscale version is **10.5177, 11.0655, 12.0503**.

A 20% lighter version of the original color is **27.3866, 36.5750, 45.6606**, and **3.6514, 5.3786, 7.1491** is the 20% darker color. If you saturate the color by 10%, you get **10.8385, 15.8834, 20.8275**, and if you desaturate by 10%, it is **11.4432, 16.1916, 21.0147**.

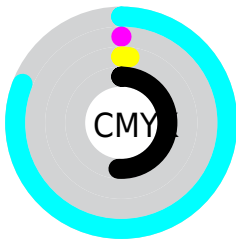
Distribution



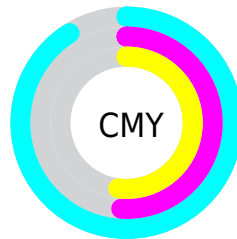
- Red (9%)
- Green (49%)
- Blue (48%)



- Red (9%)
- Yellow (29%)
- Blue (49%)



- Cyan (81%)
- Magenta (0%)
- Yellow (2%)
- Black (51%)



- Cyan (91%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0739, 16.0026, 20.9175 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 11.0739, 16.0026, 20.9175 by changing the saturation by 10% instead.

■ 11.0739, 16.0026,
20.9175

■ 11.0739, 16.0026,
20.9175

192.0717,
229.3571, 269.6064

■ 6.1842, 9.5260,
12.8731

■ 27.4285, 36.6027,
45.8292

■ 2.9991, 5.0858,
7.2115

■ 39.6241, 51.4950,
63.5335

■ 1.1533, 2.2977,
3.5143

■ 54.9857, 69.9613,
85.2949

■ 0.0690, 0.7725,
1.3628

■ 73.8787, 92.3861,
111.5319

■ 0.0000, 0.0000,
0.1125

■ 96.6685, 119.1536,
142.6630

■ 0.0000, 0.0000,
0.0000

■ 123.7203,

150.6484, 179.1067

155.3996,
187.2547, 221.2817

■ 11.0739, 16.0026,
20.9175

■ 11.0739, 16.0026,
20.9175

■ 10.8385, 15.8834,
20.8275

■ 11.4432, 16.1916,
21.0147

■ 10.6926, 15.8096,
20.7529

■ 11.9614, 16.4569,
21.1187

■ 12.6429, 16.8065,
21.2306

■ 13.5003, 17.2467,
21.3509

■ 14.5448, 17.7834,
21.4802

■ 15.7866, 18.4218,
21.6189

■ 17.2354, 19.1669,
21.7675

■ 18.9000, 20.0232,
21.9264

■ 20.7888, 20.9952,
22.0959

Harmonies

Analogous

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



11.1067, 16.0026, 13.9660



11.0739, 16.0026, 20.9175



12.0624, 16.0026, 28.6189

Triad

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



11.0739, 16.0026, 20.9175



18.7348, 16.0026, 29.0626



16.5448, 16.0026, 7.3879

Complementary

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



11.0739, 16.0026, 20.9175



8.7946, 4.9687, 1.4159

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.



18.8623, 16.0026, 9.6117



11.0739, 16.0026, 20.9175



20.2167, 16.0026, 21.4106

Square

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



11.0739, 16.0026, 20.9175



16.3853, 16.0026, 34.1099



20.2657, 16.0026, 14.3431



14.0923, 16.0026, 7.3226

Rectangle

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



11.0739, 16.0026, 20.9175



13.2360, 16.0026, 32.6313



20.2657, 16.0026, 14.3431



17.3712, 16.0026, 7.8739

Sweetspot

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



11.0744, 16.0032, 20.9179



27.0583, 32.0461, 37.9649



7.7983, 14.7023, 3.2380



6.2185, 7.4681, 8.9241



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.



11.0744, 16.0032, 20.9179



18.8552, 27.8408, 36.5164



6.6368, 6.9275, 20.0567



4.1038, 4.5111, 5.0805



10.8696, 16.0715, 21.0961



51.8097, 76.6469, 100.4225

Inverse Universe

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



8.7946, 4.9687, 1.4159



14.6971, 7.6244, 0.8789



10.6661, 8.7450, 1.9370



4.0012, 4.0162, 4.2041



8.4637, 4.3616, 0.4669



40.3355, 20.7905, 2.0307

Previews

White Background



This preview shows how the XYZ color 11.0739, 16.0026, 20.9175 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 11.0739, 16.0026, 20.9175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

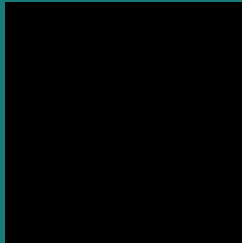
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.0739, 16.0026, 20.9175

Background



This preview shows how black text looks on a background with the XYZ color 11.0739, 16.0026, 20.9175.



This preview shows how white text looks on a background with the XYZ color 11.0739, 16.0026,

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

11.0739, 16.0026, 20.9175

Protanopia

15.2953, 15.8115, 18.1654

Deuteranopia

16.1987, 15.8763, 21.9493



Tritanopia

11.7201, 15.8921, 24.2796

Trichromacy



Original Color

11.0739, 16.0026, 20.9175

Protanomaly

12.6499, 15.2513, 19.1067

Deuteranomaly

13.1987, 15.3091, 21.6614

Tritanomaly

11.4859, 15.9856, 22.9022

Monochromacy



Original Color

11.0739, 16.0026, 20.9175

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

9.9342, 12.3316, 14.9533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0739, 16.0026, 20.9175 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(23, 124, 122)` looks like.

```
.text, #text, p{  
  color:rgb(23, 124, 122)  
}
```

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(23, 124, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 124, 122) }
```

Border

The CSS property to change the border of an element to XYZ 11.0739, 16.0026, 20.9175 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(23, 124, 122) }
```


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

```
.border{ border-color:rgb(23, 124, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 124, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 124, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 124, 122);  
box-shadow:4px 4px 4px 4px rgb(23, 124,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0739, 16.0026, 20.9175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 124, 122) }
```

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

```
.background{ background-color: rgb(23, 124,  
122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor