

Converting Colors

XYZ(11.1945, 15.7175, 22.0495)

Have a look what the booklet for
XYZ(11.1945, 15.7175, 22.0495)
contains.

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Color

**XYZ(11.1774, 15.6584,
22.1719)**

Conversions

Conversions Part 1

Format	Color
Hex	1B7A7E
RGB	27, 122, 126
RGB Percent	11%, 48%, 49%
CMY	0.8941, 0.5216, 0.5059
CMYK	0.79, 0.03, 0.00, 0.51
HSL	182°, 65%, 30%
HSV	182°, 79%, 49%
XYZ	11.1774, 15.6584, 22.1719
YIQ	94.0510, -57.9040, -18.8960

Conversions

Conversions Part 2

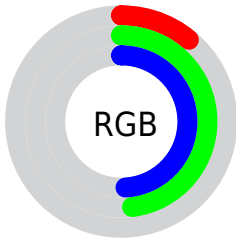
Format	Color
R_{YB}	27, 75, 126
Decimal	1800830
CIE _{Lab}	46.52, -24.53, -9.87
CIE _{LCh}	47, 26.441, 201.909
Y _{xy}	15.6584, 0.2281, 0.3195
Android (android.graphics.Color)	4279990910 (0xFF1B7A7E)
YUV	94.0510, 15.7509, -58.8037
Hunter-Lab	39.5707, -18.8284, -5.5214

Details

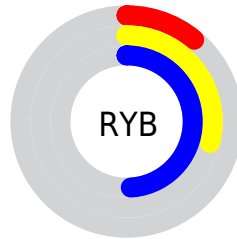
The XYZ color **11.1774, 15.6584, 22.1719** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **9.2924, 5.4952, 1.6083**, and the grayscale version is **10.6258, 11.1792, 12.1741**.

A 20% lighter version of the original color is **27.6831, 36.0883, 48.1545**, and **3.7221, 5.3009, 7.8482** is the 20% darker color. If you saturate the color by 10%, you get **10.8508, 15.3978, 22.1391**, and if you desaturate by 10%, it is **11.6482, 15.9945, 22.2122**.

Distribution



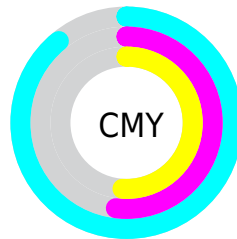
- Red (11%)
- Green (48%)
- Blue (49%)



- Red (11%)
- Yellow (29%)
- Blue (49%)



- Cyan (79%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)



- Cyan (89%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1774, 15.6584, 22.1719 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 11.1774, 15.6584, 22.1719 by changing the saturation by 10% instead.

■ 11.1774, 15.6584,
22.1719

■ 11.1774, 15.6584,
22.1719

■ 192.7639,
227.3175, 276.4254

■ 6.2545, 9.2828,
13.7837

■ 27.6178, 36.0041,
47.9358

■ 3.0425, 4.9261,
7.8334

■ 39.8660, 50.7430,
66.1486

■ 1.1763, 2.2039,
3.9023

■ 55.2866, 69.0385,
88.4733

■ 0.0875, 0.7221,
1.5719

■ 74.2450, 91.2748,
115.3286

■ 0.0000, 0.0000,
0.2706

■ 97.1066, 117.8365,
147.1329

■ 0.0000, 0.0000,
0.0000

■ 124.2367,

149.1079, 184.3047

156.0007,
185.4734, 227.2627

■ 11.1774, 15.6584,
22.1719

■ 11.1774, 15.6584,
22.1719

■ 10.8508, 15.3978,
22.1391

■ 11.6482, 15.9945,
22.2122

■ 10.6240, 15.1888,
22.1107

■ 12.2782, 16.4128,
22.2598

■ 10.5925, 15.1594,
22.1067

■ 13.0819, 16.9211,
22.3155

■ 14.0719, 17.5259,
22.3801

■ 15.2595, 18.2332,
22.4540

■ 16.6553, 19.0482,
22.5378

■ 18.2689, 19.9760,
22.6318

■ 20.1095, 21.0213,
22.7366

■ 22.1857, 22.1885,
22.8524

Harmonies

Analogous

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



10.9536, 15.6584, 15.3438



11.1774, 15.6584, 22.1719



12.3407, 15.6584, 28.9517

Triad

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



11.1774, 15.6584, 22.1719



18.6035, 15.6584, 26.0190



15.5080, 15.6584, 7.4008

Complementary

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



11.1774, 15.6584, 22.1719



9.2924, 5.4952, 1.6083

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.



17.7521, 15.6584, 8.9591



11.1774, 15.6584, 22.1719



19.6547, 15.6584, 18.8768

Square

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



11.1774, 15.6584, 22.1719



16.5779, 15.6584, 31.5384



19.3282, 15.6584, 12.7836



13.3074, 15.6584, 7.8577

Rectangle

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



11.1774, 15.6584, 22.1719



13.5636, 15.6584, 31.9711



19.3282, 15.6584, 12.7836



16.2850, 15.6584, 7.6884

Sweetspot

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



11.1779, 15.6590, 22.1723



27.7987, 32.6452, 39.5804



8.1514, 15.2503, 3.7629



6.1651, 7.3328, 8.9935



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.



11.1779, 15.6590, 22.1723



18.8088, 26.8296, 38.9317



6.6141, 6.5315, 20.6510



4.4320, 4.8581, 5.5174



10.8660, 15.5504, 22.6788



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.5094, 6.6251, 19.0324



21.3376, 10.4546, 32.7929



11.6565, 10.2235, 2.3963



4.4909, 4.4095, 5.3895



12.3616, 5.9643, 19.0258



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.1774, 15.6584, 22.1719 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 11.1774, 15.6584, 22.1719 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 11.1774, 15.6584, 22.1719

Background



This preview shows how black text looks on a background with the XYZ color 11.1774, 15.6584, 22.1719.



This preview shows how white text looks on a background with the XYZ color 11.1774, 15.6584,

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

11.1774, 15.6584, 22.1719

Protanopia

15.0453, 15.4965, 19.3377

Deuteranopia

15.7757, 15.4799, 22.9253



Tritanopia

11.4992, 15.6047, 23.8787

Trichromacy



Original Color

11.1774, 15.6584, 22.1719

Protanomaly

12.6930, 15.0774, 20.3304

Deuteranomaly

12.9987, 14.8523, 22.6038

Tritanomaly

11.3352, 15.5357, 23.1701

Monochromacy



Original Color

11.1774, 15.6584, 22.1719

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.0776, 12.2433, 15.4677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1774, 15.6584, 22.1719 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(27, 122, 126)` looks like.

```
.text, #text, p{  
    color:rgb(27, 122, 126)  
}
```

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(27, 122, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 122, 126) }
```

Border

The CSS property to change the border of an element to XYZ 11.1774, 15.6584, 22.1719 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(27, 122, 126) }
```


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

```
.border{ border-color:rgb(27, 122, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 122, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 122, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 122, 126);  
box-shadow:4px 4px 4px 4px rgb(27, 122,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1774, 15.6584, 22.1719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 122, 126) }
```

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

```
.background{ background-color: rgb(27, 122,  
126) }
```

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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