

Converting Colors

XYZ(11.5661, 15.9880, 24.6667)

Have a look what the booklet for
XYZ(11.5661, 15.9880, 24.6667)
contains.

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Color

**XYZ(11.5661, 15.9880,
24.6667)**

Conversions

Conversions Part 1

Format	Color
Hex	127B85
RGB	18, 123, 133
RGB Percent	7%, 48%, 52%
CMY	0.9294, 0.5176, 0.4784
CMYK	0.86, 0.08, 0.00, 0.48
HSL	185°, 76%, 30%
HSV	185°, 86%, 52%
XYZ	11.5661, 15.9880, 24.6667
YIQ	92.7450, -65.7900, -19.1500

Conversions

Conversions Part 2

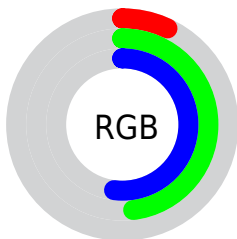
Format	Color
RYB	18, 73, 133
Decimal	1211269
CIELab	46.96, -23.60, -13.37
CIELCh	47, 27.126, 209.535
Yxy	15.9880, 0.2215, 0.3062
Android (android.graphics.Color)	4279401349 (0xFF127B85)
YUV	92.7450, 19.8457, -65.5514
Hunter-Lab	39.9850, -18.3407, -8.5864

Details

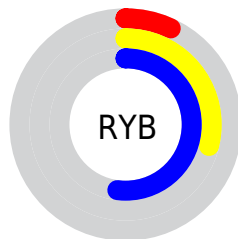
The XYZ color **11.5661, 15.9880, 24.6667** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **10.1979, 5.8615, 1.1668**, and the grayscale version is **10.3125, 10.8496, 11.8152**.

A 20% lighter version of the original color is **28.3187, 36.6221, 52.0306**, and **4.0490, 5.5377, 9.2430** is the 20% darker color. If you saturate the color by 10%, you get **11.2333, 15.6050, 24.6106**, and if you desaturate by 10%, it is **12.0358, 16.4447, 24.7304**.

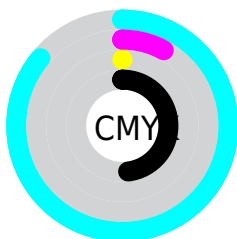
Distribution



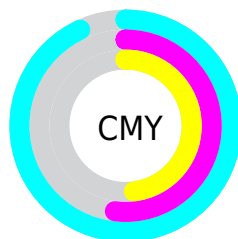
- Red (7%)
- Green (48%)
- Blue (52%)



- Red (7%)
- Yellow (29%)
- Blue (52%)



- Cyan (86%)
- Magenta (8%)
- Yellow (0%)
- Black (48%)



- Cyan (93%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5661, 15.9880, 24.6667 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 11.5661, 15.9880, 24.6667 by changing the saturation by 10% instead.

■ 11.5661, 15.9880,
24.6667

■ 11.5661, 15.9880,
24.6667

195.3404,
229.2709, 289.5683

■ 6.5190, 9.5157,
15.6122

■ 28.3261, 36.5774,
52.0734

■ 3.2068, 5.0790,
9.0988

■ 40.7698, 51.4632,
71.2626

■ 1.2641, 2.2937,
4.7080

■ 56.4097, 69.9223,
94.6672

■ 0.1561, 0.7704,
2.0212

■ 75.6112, 92.3391,
122.7055

■ 0.0000, 0.0000,
0.5683

■ 98.7397, 119.0979,
155.7963

■ 0.0000, 0.0000,
0.0000

■ 126.1604,

150.5833, 194.3580

158.2389,
187.1795, 238.8092

■ 11.5661, 15.9880,
24.6667

■ 11.5661, 15.9880,
24.6667

■ 11.2333, 15.6050,
24.6106

■ 12.0358, 16.4447,
24.7304

■ 11.1241, 15.4743,
24.5911

■ 12.6725, 16.9898,
24.8020

■ 13.4949, 17.6330,
24.8829

■ 14.5187, 18.3827,
24.9736

■ 15.7580, 19.2460,
25.0749

■ 17.2255, 20.2295,
25.1874

■ 18.9331, 21.3393,
25.3116

■ 20.8918, 22.5811,
25.4481

■ 23.1117, 23.9602,
25.5973

Harmonies

Analogous

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



11.0796, 15.9880, 17.3024



11.5661, 15.9880, 24.6667



13.0008, 15.9880, 31.2542

Triad

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



11.5661, 15.9880, 24.6667



19.4721, 15.9880, 24.8990



15.2332, 15.9880, 7.3473

Complementary

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



11.5661, 15.9880, 24.6667



10.1979, 5.8615, 1.1668

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.



17.6257, 15.9880, 8.4082



11.5661, 15.9880, 24.6667



20.2236, 15.9880, 17.5144

Square

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



11.5661, 15.9880, 24.6667



17.5550, 15.9880, 31.4110



19.5158, 15.9880, 11.7348



13.0586, 15.9880, 8.3431

Rectangle

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



11.5661, 15.9880, 24.6667



14.3833, 15.9880, 33.6541



19.5158, 15.9880, 11.7348



16.0390, 15.9880, 7.4699

Sweetspot

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



11.5666, 15.9886, 24.6671



30.8087, 36.2011, 45.1021



8.8422, 16.9859, 3.8861



6.7594, 8.0355, 10.1474



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.5666, 15.9886, 24.6671



19.8634, 27.5962, 44.0181



6.4273, 5.7099, 22.9540



4.7679, 5.2115, 5.9554



10.5987, 14.7452, 23.4242



0.0392, 0.0561, 0.0820

Inverse Universe

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



13.4648, 6.8498, 19.3520



23.5214, 11.4096, 33.4556



13.0379, 11.5415, 2.1134



4.8409, 4.7560, 5.7745



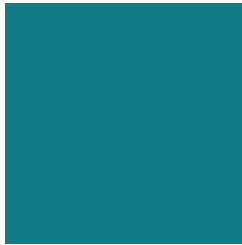
12.5278, 6.0755, 17.8837



0.0447, 0.0216, 0.0687

Previews

White Background



This preview shows how the XYZ color 11.5661, 15.9880, 24.6667 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 11.5661, 15.9880, 24.6667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

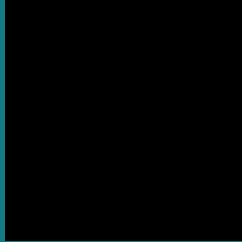
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5661, 15.9880, 24.6667

Background



This preview shows how black text looks on a background with the XYZ color 11.5661, 15.9880, 24.6667.

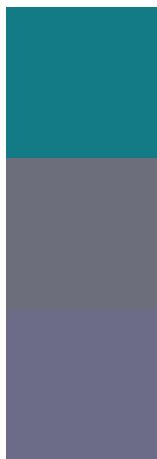


This preview shows how white text looks on a background with the XYZ color 11.5661, 15.9880,

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

11.5661, 15.9880, 24.6667

Protanopia

15.5207, 15.8583, 21.3117

Deuteranopia

16.1132, 15.7539, 25.4841



Tritanopia

11.5661, 15.9880, 24.6667

Trichromacy



Original Color

11.5661, 15.9880, 24.6667

Protanomaly

12.9420, 15.3303, 22.3556

Deuteranomaly

13.2588, 15.0960, 25.1367

Tritanomaly

11.5661, 15.9880, 24.6667

Monochromacy



Original Color

11.5661, 15.9880, 24.6667

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

9.9039, 12.1416, 16.0089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5661, 15.9880, 24.6667 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(18, 123, 133)` looks like.

```
.text, #text, p{  
  color:rgb(18, 123, 133)  
}
```

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(18, 123, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 123, 133) }
```

Border

The CSS property to change the border of an element to XYZ 11.5661, 15.9880, 24.6667 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(18, 123, 133) }
```


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

```
.border{ border-color:rgb(18, 123, 133) }
```

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

Here you see how a box with a 4 pixel rgb(18, 123, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 123, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 123, 133);  
box-shadow:4px 4px 4px 4px rgb(18, 123,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5661, 15.9880, 24.6667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 123, 133) }
```

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

```
.background{ background-color: rgb(18, 123,  
133) }
```

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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