

Converting Colors

XYZ(11.2366, 16.3292, 24.5190)

Have a look what the booklet for
XYZ(11.2366, 16.3292, 24.5190)
contains.

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Color

**XYZ(11.6257, 16.5877,
24.4188)**

Conversions

Conversions Part 1

Format	Color
Hex	007E84
RGB	0, 126, 132
RGB Percent	0%, 49%, 52%
CMY	0.9999, 0.5059, 0.4823
CMYK	1.00, 0.05, 0.00, 0.48
HSL	183°, 100%, 26%
HSV	183°, 100%, 52%
XYZ	11.6257, 16.5877, 24.4188
YIQ	89.0100, -77.0220, -24.8460

Conversions

Conversions Part 2

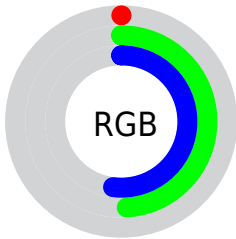
Format	Color
RYB	0, 64, 132
Decimal	32388
CIELab	47.74, -26.53, -11.62
CIElCh	48, 28.962, 203.657
Yxy	16.5877, 0.2209, 0.3152
Android (android.graphics.Color)	4278222468 (0xFF007E84)
YUV	89.0100, 21.1941, -78.0618
Hunter-Lab	40.7280, -20.3216, -7.0382

Details

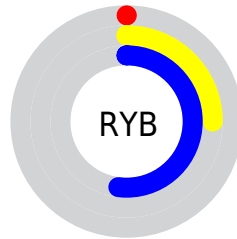
The XYZ color **11.6257, 16.5877, 24.4188** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **9.5812, 5.0362, 0.4675**, and the grayscale version is **9.4656, 9.9586, 10.8449**.

A 20% lighter version of the original color is **28.4443, 37.5820, 51.6538**, and **4.1458, 5.7934, 9.0833** is the 20% darker color. If you saturate the color by 10%, you get **11.6260, 16.5881, 24.4192**, and if you desaturate by 10%, it is **11.8721, 16.8293, 24.4528**.

Distribution



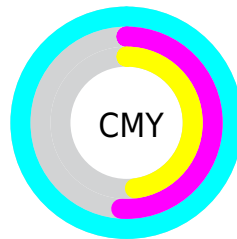
- Red (0%)
- Green (49%)
- Blue (52%)



- Red (0%)
- Yellow (25%)
- Blue (52%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6257, 16.5877, 24.4188 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 11.6257, 16.5877, 24.4188 by changing the saturation by 10% instead.

■ 11.6257, 16.5877,
24.4188

■ 11.6257, 16.5877,
24.4188

195.7323,
232.7851, 288.2855

■ 6.5597, 9.9410,
15.4295

■ 28.4343, 37.6155,
51.6651

■ 3.2322, 5.3598,
8.9714

■ 40.9077, 52.7654,
70.7593

■ 1.2777, 2.4599,
4.6260

■ 56.5810, 71.5184,
94.0587

■ 0.1664, 0.8565,
1.9747

■ 75.8194, 94.2591,
121.9821

■ 0.0000, 0.0000,
0.5396

■ 98.9884, 121.3716,
154.9479

■ 0.0000, 0.0000,
0.0000

■ 126.4533,

153.2406, 193.3748

158.5795,
190.2503, 237.6811

■ 11.6257, 16.5877,
24.4188

■ 11.6257, 16.5877,
24.4188

■ 11.6260, 16.5881,
24.4192

■ 11.8721, 16.8293,
24.4528

■ 12.2171, 17.1220,
24.4911

■ 12.7184, 17.4961,
24.5369

■ 13.3951, 17.9612,
24.5910

■ 14.2631, 18.5257,
24.6542

■ 15.3370, 19.1970,
24.7271

■ 16.6295, 19.9816,
24.8105

■ 18.1527, 20.8859,
24.9047

■ 19.9176, 21.9155,
25.0104

Harmonies

Analogous

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



11.3115, 16.5877, 16.5291



11.6257, 16.5877, 24.4188



12.9919, 16.5877, 32.1785

Triad

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



11.6257, 16.5877, 24.4188



20.1332, 16.5877, 27.9144



16.3234, 16.5877, 7.2614

Complementary

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



11.6257, 16.5877, 24.4188



9.5812, 5.0362, 0.4675

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.



18.9095, 16.5877, 8.8276



11.6257, 16.5877, 24.4188



21.2593, 16.5877, 19.6851

Square

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



11.6257, 16.5877, 24.4188



17.8528, 16.5877, 34.5532



20.7886, 16.5877, 12.9156



13.8487, 16.5877, 7.8845

Rectangle

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



11.6257, 16.5877, 24.4188



14.4043, 16.5877, 35.5224



20.7886, 16.5877, 12.9156



17.2112, 16.5877, 7.5313

Sweetspot

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



11.6262, 16.5883, 24.4192



29.1250, 35.0966, 43.6924



8.2757, 16.5125, 2.8778



6.5812, 8.0507, 10.1598



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.



11.6262, 16.5883, 24.4192



20.4487, 29.1591, 43.0037



5.8665, 5.0688, 22.4993



4.7840, 5.2436, 5.9607



11.2577, 16.0633, 23.6439



0.0404, 0.0584, 0.0824

Inverse Universe

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



13.2820, 6.4123, 20.2770



23.3804, 11.2885, 35.6369



11.7316, 9.3370, 1.1843



4.8490, 4.7593, 5.8171



12.8605, 6.2085, 19.6355



0.0453, 0.0218, 0.0717

Previews

White Background



This preview shows how the XYZ color 11.6257, 16.5877, 24.4188 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 11.6257, 16.5877, 24.4188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

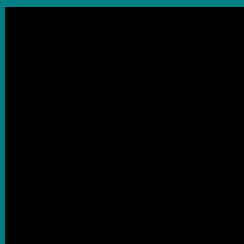
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6257, 16.5877, 24.4188

Background



This preview shows how black text looks on a background with the XYZ color 11.6257, 16.5877, 24.4188.



This preview shows how white text looks on a background with the XYZ color 11.6257, 16.5877,

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

11.6257, 16.5877, 24.4188

Protanopia

16.0514, 16.4631, 21.0706

Deuteranopia

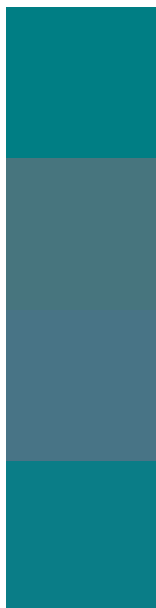
16.7592, 16.4118, 25.2062



Tritanopia

11.9746, 16.5464, 25.8552

Trichromacy



Original Color

11.6257, 16.5877, 24.4188

Protanomaly

12.7257, 15.5685, 22.0730

Deuteranomaly

13.2210, 15.5897, 24.8666

Tritanomaly

11.8320, 16.4810, 25.4792

Monochromacy



Original Color

11.6257, 16.5877, 24.4188

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

8.9885, 11.3925, 15.0898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6257, 16.5877, 24.4188 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(0, 126, 132)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 132)  
}
```

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(0, 126, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 132) }
```

Border

The CSS property to change the border of an element to XYZ 11.6257, 16.5877, 24.4188 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(0, 126, 132) }
```


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

```
.border{ border-color:rgb(0, 126, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 126, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 132);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6257, 16.5877, 24.4188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 132) }
```

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

```
.background{ background-color: rgb(0, 126,  
132) }
```

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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