

Converting Colors

XYZ(6.9671, 10.6589, 15.0033)

Have a look what the booklet for
XYZ(6.9671, 10.6589, 15.0033)
contains.

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Color

**XYZ(7.5001, 10.9206,
15.0772)**

Conversions

Conversions Part 1

Format	Color
Hex	006869
RGB	0, 104, 105
RGB Percent	0%, 41%, 41%
CMY	1.0000, 0.5921, 0.5882
CMYK	1.00, 0.01, 0.00, 0.59
HSL	181°, 100%, 21%
HSV	181°, 100%, 41%
XYZ	7.5001, 10.9206, 15.0772
YIQ	73.0180, -62.3050, -21.7370

Conversions

Conversions Part 2

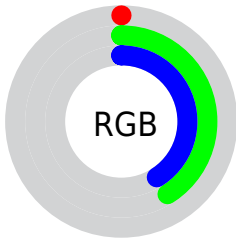
Format	Color
RYB	0, 52, 105
Decimal	26729
CIELab	39.45, -24.53, -7.87
CIELCh	39, 25.766, 197.793
Yxy	10.9206, 0.2239, 0.3260
Android (android.graphics.Color)	4278216809 (0xFF006869)
YUV	73.0180, 15.7671, -64.0368
Hunter-Lab	33.0463, -17.3192, -3.9183

Details

The XYZ color **7.5001, 10.9206, 15.0772** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5.8367, 3.0251, 0.2765**, and the grayscale version is **6.3176, 6.6466, 7.2382**.

A 20% lighter version of the original color is **20.7133, 27.6331, 35.6945**, and **2.1779, 3.1338, 4.4931** is the 20% darker color. If you saturate the color by 10%, you get **7.5004, 10.9210, 15.0775**, and if you desaturate by 10%, it is **7.6420, 11.0089, 15.0870**.

Distribution



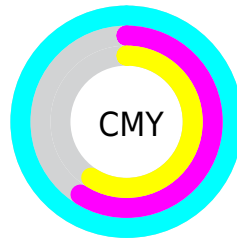
- Red (0%)
- Green (41%)
- Blue (41%)



- Red (0%)
- Yellow (20%)
- Blue (41%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.5001, 10.9206, 15.0772 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 7.5001, 10.9206, 15.0772 by changing the saturation by 10% instead.

7.5001, 10.9206,
15.0772

7.5001, 10.9206,
15.0772

166.2125,
197.1220, 235.4899

3.8259, 6.0135,
8.7264

20.6674, 27.5133,
35.7328

1.6041, 2.8533,
4.4688

30.8911, 39.9676,
50.8746

0.3951, 1.0556,
1.8859

44.0287, 55.7064,
69.7838

0.0000, 0.0000,
0.4837

60.4456, 75.1141,
92.8790

0.0000, 0.0000,
0.0000

80.5071, 98.5751,
120.5786

104.5785,

126.4739, 153.3013

133.0252,
159.1947, 191.4655

7.5001, 10.9206,
15.0772

7.5001, 10.9206,
15.0772

7.5004, 10.9210,
15.0775

7.6420, 11.0089,
15.0870

7.8299, 11.1207,
15.0987

8.1110, 11.2806,
15.1147

8.4958, 11.4940,
15.1356

8.9932, 11.7654,
15.1618

■ 9.6112, 12.0990,
15.1936

■ 10.3572, 12.4987,
15.2314

■ 11.2379, 12.9677,
15.2755

■ 12.2596, 13.5095,
15.3263

Harmonies

Analogous

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



7.4321, 10.9206, 9.9714



7.5001, 10.9206, 15.0772



8.2838, 10.9206, 20.5286

Triad

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



7.5001, 10.9206, 15.0772



13.0702, 10.9206, 19.5899



11.1059, 10.9206, 4.7517

Complementary

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



7.5001, 10.9206, 15.0772



5.8367, 3.0251, 0.2765

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.



12.8023, 10.9206, 6.0962



7.5001, 10.9206, 15.0772



14.0188, 10.9206, 14.0417

Square

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



7.5001, 10.9206, 15.0772



11.4397, 10.9206, 23.5955



13.9156, 10.9206, 9.1881



9.3873, 10.9206, 4.8845

Rectangle

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



7.5001, 10.9206, 15.0772



9.1619, 10.9206, 23.1978



13.9156, 10.9206, 9.1881



11.7009, 10.9206, 5.0258

Sweetspot

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



7.5004, 10.9210, 15.0775



18.4201, 22.3130, 27.2670



5.0518, 10.1034, 1.6841



4.2155, 5.1736, 6.3823



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



7.5004, 10.9210, 15.0775



13.4249, 19.5447, 26.9960



3.8005, 3.5211, 13.8442



3.1794, 3.4872, 3.9404



9.4952, 13.8247, 19.0902



48.3435, 70.3655, 97.2601

Inverse Universe

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



8.3246, 4.0030, 13.4311



14.9034, 7.1664, 24.0359



7.0764, 5.5045, 0.6897



3.2164, 3.1634, 3.8697



10.5396, 5.0680, 17.0019



53.6843, 25.8157, 86.5294

Previews

White Background



This preview shows how the XYZ color 7.5001, 10.9206, 15.0772 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 7.5001, 10.9206, 15.0772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

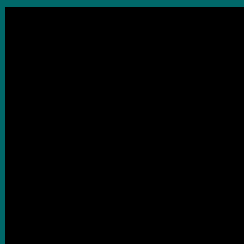
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 7.5001, 10.9206, 15.0772

Background



This preview shows how black text looks on a background with the XYZ color 7.5001, 10.9206, 15.0772.

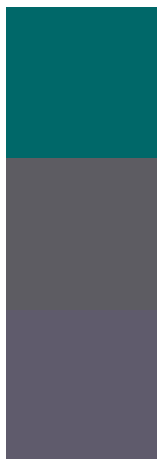


This preview shows how white text looks on a background with the XYZ color 7.5001, 10.9206,

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

7.5001, 10.9206, 15.0772

Protanopia

10.5460, 10.8633, 13.0963

Deuteranopia

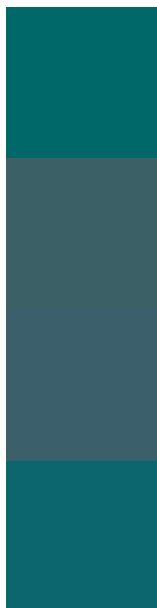
11.1672, 10.9978, 15.7216



Tritanopia

7.9689, 10.9768, 16.7377

Trichromacy



Original Color

7.5001, 10.9206, 15.0772

Protanomaly

8.3355, 10.2351, 13.8482

Deuteranomaly

8.7002, 10.3879, 15.4564

Tritanomaly

7.7486, 10.8758, 16.1588

Monochromacy



Original Color

7.5001, 10.9206, 15.0772

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

5.9367, 7.5774, 9.7440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.5001, 10.9206, 15.0772 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, 104, 105)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 105)  
}
```

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, 104, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 105) }
```

Border

The CSS property to change the border of an element to XYZ 7.5001, 10.9206, 15.0772 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, 104, 105) }
```


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

```
.border{ border-color:rgb(0, 104, 105) }
```

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

Here you see how a box with a 4 pixel rgb(0, 104, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 105);  
box-shadow:4px 4px 4px 4px rgb(0, 104,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 7.5001, 10.9206, 15.0772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 105) }
```

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

```
.background{ background-color: rgb(0, 104,  
105) }
```

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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