

Converting Colors

XYZ(7.5724, 15.0482, 21.7186)

Have a look what the booklet for
XYZ(7.5724, 15.0482, 21.7186)
contains.

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Color

**XYZ(11.4883, 17.1557,
21.7747)**

Conversions

Conversions Part 1

Format	Color
Hex	00817C
RGB	0, 129, 124
RGB Percent	0%, 51%, 49%
CMY	1.0000, 0.4941, 0.5137
CMYK	1.00, 0.00, 0.04, 0.49
HSL	178°, 100%, 25%
HSV	178°, 100%, 51%
XYZ	11.4883, 17.1557, 21.7747
YIQ	89.8590, -75.2790, -28.9030

Conversions

Conversions Part 2

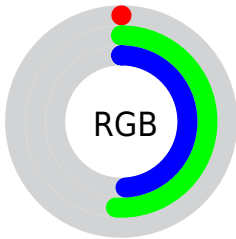
Format	Color
RYB	0, 66, 129
Decimal	33148
CIELab	48.46, -30.61, -5.83
CIELCh	48, 31.160, 190.778
Yxy	17.1557, 0.2279, 0.3403
Android (android.graphics.Color)	4278223228 (0xFF00817C)
YUV	89.8590, 16.8315, -78.8063
Hunter-Lab	41.4194, -22.9744, -2.1759

Details

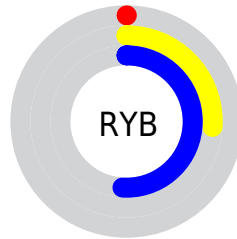
The XYZ color **11.4883, 17.1557, 21.7747** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9.0811, 4.6785, 0.5684**, and the grayscale version is **9.6632, 10.1665, 11.0713**.

A 20% lighter version of the original color is **28.0441, 38.3843, 47.0051**, and **4.0660, 6.1000, 7.6197** is the 20% darker color. If you saturate the color by 10%, you get **11.4886, 17.1562, 21.7749**, and if you desaturate by 10%, it is **11.6851, 17.2539, 21.9498**.

Distribution



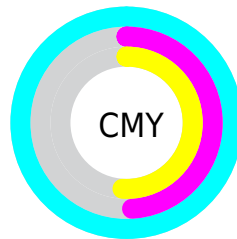
- Red (0%)
- Green (51%)
- Blue (49%)



- Red (0%)
- Yellow (26%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4883, 17.1557, 21.7747 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 11.4883, 17.1557, 21.7747 by changing the saturation by 10% instead.

■ 11.4883, 17.1557,
21.7747

■ 11.4883, 17.1557,
21.7747

■ 194.8275,
236.0680, 274.2825

■ 6.4660, 10.3456,
13.4947

■ 28.1847, 38.5933,
47.2707

■ 3.1738, 5.6287,
7.6354

■ 40.5894, 53.9895,
65.3239

■ 1.2463, 2.6206,
3.7781

■ 56.1857, 73.0166,
87.4718

■ 0.1425, 0.9370,
1.5044

■ 75.3389, 96.0589,
114.1331

■ 0.0000, 0.0000,
0.2212

■ 98.4143, 123.5007,
145.7263

■ 0.0000, 0.0000,
0.0000

■ 125.7773,

155.7266, 182.6699

157.7933,
193.1209, 225.3824

■ 11.4883, 17.1557,
21.7747

■ 11.4883, 17.1557,
21.7747

■ 11.4886, 17.1562,
21.7749

■ 11.6851, 17.2539,
21.9498

■ 11.9735, 17.3989,
22.1297

■ 12.4102, 17.6203,
22.3174

■ 13.0128, 17.9272,
22.5136

■ 13.7968, 18.3276,
22.7192

■ 14.7754, 18.8284,
22.9348

■ 15.9611, 19.4359,
23.1609

■ 17.3650, 20.1558,
23.3980

■ 18.9976, 20.9936,
23.6467

Harmonies

Analogous

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



11.6547, 17.1557, 13.9693



11.4883, 17.1557, 21.7747



12.4942, 17.1557, 30.9362

Triad

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



11.4883, 17.1557, 21.7747



20.1582, 17.1557, 33.2834



18.1798, 17.1557, 7.4243

Complementary

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



11.4883, 17.1557, 21.7747



9.0811, 4.6785, 0.5684

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.



20.8235, 17.1557, 10.1818



11.4883, 17.1557, 21.7747



22.0546, 17.1557, 24.3451

Square

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



11.4883, 17.1557, 21.7747



17.3536, 17.1557, 38.7574



22.3113, 17.1557, 15.8927



15.3014, 17.1557, 7.1053

Rectangle

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



11.4883, 17.1557, 21.7747



13.7715, 17.1557, 36.0222



22.3113, 17.1557, 15.8927



19.1338, 17.1557, 8.0485

Sweetspot

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



11.4888, 17.1563, 21.7751



28.4179, 34.7202, 41.4452



7.9315, 15.7427, 2.6210



6.2560, 7.7684, 9.3484



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.4888, 17.1563, 21.7751



20.5597, 30.7168, 38.9231



6.2132, 6.0861, 21.6168



4.4395, 4.8841, 5.4854



11.2016, 16.7272, 21.2321



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.0811, 4.6785, 0.5684



16.2481, 8.3721, 0.9470



10.5696, 7.6992, 0.9294



4.3340, 4.3468, 4.5634



8.8541, 4.5613, 0.5557



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.4883, 17.1557, 21.7747 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 11.4883, 17.1557, 21.7747 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 11.4883, 17.1557, 21.7747

Background



This preview shows how black text looks on a background with the XYZ color 11.4883, 17.1557, 21.7747.



This preview shows how white text looks on a background with the XYZ color 11.4883, 17.1557,

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

11.4883, 17.1557, 21.7747

Protanopia

16.3143, 16.9854, 18.6383

Deuteranopia

17.4362, 17.1399, 22.8114



Tritanopia

12.5836, 17.2318, 26.3297

Trichromacy



Original Color

11.4883, 17.1557, 21.7747

Protanomaly

12.6909, 15.9575, 19.5508

Deuteranomaly

13.2897, 16.0257, 22.4715

Tritanomaly

12.1335, 17.2329, 24.5166

Monochromacy



Original Color

11.4883, 17.1557, 21.7747

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

9.0359, 11.7298, 14.3582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4883, 17.1557, 21.7747 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, 129, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 129, 124)  
}
```

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, 129, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 129, 124) }
```

Border

The CSS property to change the border of an element to XYZ 11.4883, 17.1557, 21.7747 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, 129, 124) }
```


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

```
.border{ border-color:rgb(0, 129, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 129, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 129, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 129, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 129,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4883, 17.1557, 21.7747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 129, 124) }
```

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

```
.background{ background-color: rgb(0, 129,  
124) }
```

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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