

Converting Colors

XYZ(11.0954, 17.8872, 15.7710)

Have a look what the booklet for
XYZ(11.0954, 17.8872, 15.7710)
contains.

XYZ(11.0852, 17.8829, 15.6995)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.0852, 17.8829,
15.6995)**

Conversions

Conversions Part 1

Format	Color
Hex	128567
RGB	18, 133, 103
RGB Percent	7%, 52%, 40%
CMY	0.9294, 0.4784, 0.5961
CMYK	0.86, 0.00, 0.23, 0.48
HSL	164°, 76%, 30%
HSV	164°, 86%, 52%
XYZ	11.0852, 17.8829, 15.6995
YIQ	95.1950, -58.9100, -33.7100

Conversions

Conversions Part 2

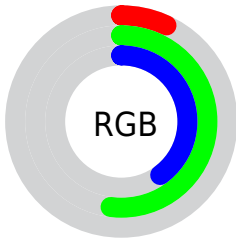
Format	Color
R_{YB}	18, 84, 133
Decimal	1213799
CIE _{Lab}	49.35, -37.41, 7.80
CIE _{LCh}	49, 38.213, 168.216
Yxy	17.8829, 0.2482, 0.4004
Android (android.graphics.Color)	4279403879 (0xFF128567)
YUV	95.1950, 3.8479, -67.7000
Hunter-Lab	42.2882, -27.2133, 7.5903

Details

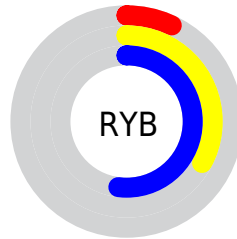
The XYZ color **11.0852, 17.8829, 15.6995** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10.4234, 5.6331, 3.3354**, and the grayscale version is **10.9261, 11.4951, 12.5181**.

A 20% lighter version of the original color is **27.4408, 39.8522, 36.8178**, and **3.7311, 6.3201, 4.7646** is the 20% darker color. If you saturate the color by 10%, you get **10.7244, 17.7170, 14.7925**, and if you desaturate by 10%, it is **11.5884, 18.1222, 16.6517**.

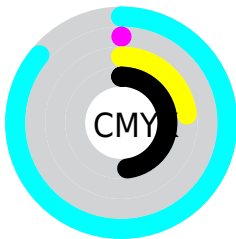
Distribution



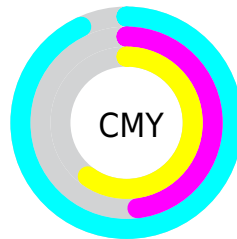
- Red (7%)
- Green (52%)
- Blue (40%)



- Red (7%)
- Yellow (33%)
- Blue (52%)



- Cyan (86%)
- Magenta (0%)
- Yellow (23%)
- Black (48%)



- Cyan (93%)
- Magenta (48%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0852, 17.8829, 15.6995 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 11.0852, 17.8829, 15.6995 by changing the saturation by 10% instead.

■ 11.0852, 17.8829,
15.6995

■ 11.0852, 17.8829,
15.6995

192.1474,
240.2102, 239.3468

■ 6.1919, 10.8659,
9.1597

■ 27.4492, 39.8377,
36.8352

■ 3.0039, 5.9768,
4.7473

■ 39.6505, 55.5443,
52.2683

■ 1.1558, 2.8310,
2.0436

■ 55.0186, 74.9163,
71.5028

■ 0.0710, 1.0441,
0.5819

■ 73.9188, 98.3380,
94.9574

■ 0.0000, 0.0000,
0.0000

■ 96.7164, 126.1939,
123.0505

■ 123.7768,

158.8682, 156.2008

155.4653,
196.7456, 194.8267

■ 11.0852, 17.8829,
15.6995

■ 11.0852, 17.8829,
15.6995

■ 10.7244, 17.7170,
14.7925

■ 11.5884, 18.1222,
16.6517

■ 10.6067, 17.6632,
14.4806

■ 12.2642, 18.4492,
17.6497

■ 13.1314, 18.8740,
18.6954

■ 14.2057, 19.4047,
19.7898

■ 15.5014, 20.0487,
20.9340

■ 17.0312, 20.8125,
22.1290

■ 18.8071, 21.7022,
23.3759

■ 20.8401, 22.7236,
24.6755

■ 23.1406, 23.8820,
26.0288

Harmonies

Analogous

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



12.3434, 17.8829, 9.0296



11.0852, 17.8829, 15.6995



11.2370, 17.8829, 26.3438

Triad

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



11.0852, 17.8829, 15.6995



19.2525, 17.8829, 45.0014



22.0354, 17.8829, 8.1203

Complementary

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



11.0852, 17.8829, 15.6995



10.4234, 5.6331, 3.3354

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.



24.4506, 17.8829, 13.9121



11.0852, 17.8829, 15.6995



22.6943, 17.8829, 35.8789

Square

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



11.0852, 17.8829, 15.6995



15.6233, 17.8829, 46.0146



24.7075, 17.8829, 23.8038



18.4493, 17.8829, 5.8044

Rectangle

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



11.0852, 17.8829, 15.6995



12.1211, 17.8829, 34.4774



24.7075, 17.8829, 23.8038



23.0316, 17.8829, 9.6076

Sweetspot

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



11.0857, 17.8836, 15.6999



30.4595, 37.2503, 39.5985



9.7480, 17.4642, 3.4298



6.6732, 8.2977, 8.7790



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.



11.0857, 17.8836, 15.6999



18.9273, 31.6035, 25.5802



9.6550, 12.1655, 24.0303



4.7511, 5.2587, 5.7006



10.1062, 16.8253, 13.8105



0.0380, 0.0595, 0.0636

Inverse Universe

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



10.4234, 5.6331, 3.3354



17.8004, 9.1212, 3.3292



10.7148, 6.8951, 1.3389



4.7188, 4.7072, 5.1314



9.5013, 4.8649, 1.9463



0.0356, 0.0179, 0.0207

Previews

White Background



This preview shows how the XYZ color 11.0852, 17.8829, 15.6995 looks on a white background.

Color Contrast Check

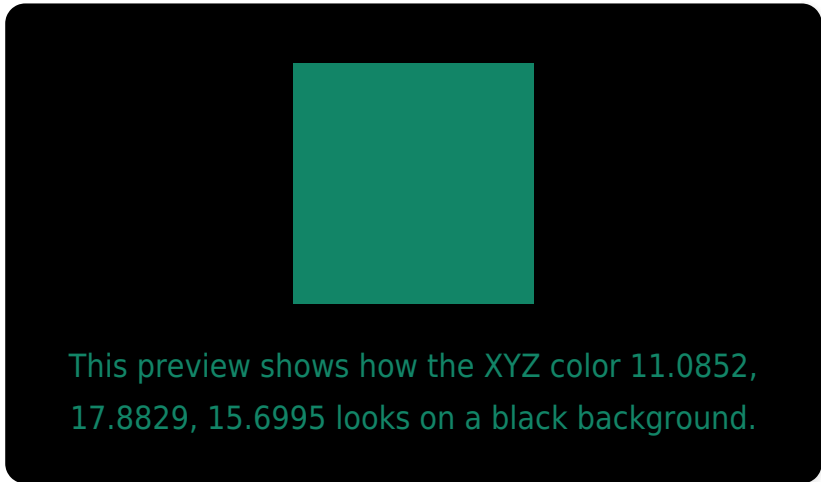
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

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

XYZ 11.0852, 17.8829, 15.6995

Background



This preview shows how black text looks on a background with the XYZ color 11.0852, 17.8829, 15.6995.



This preview shows how white text looks on a background with the XYZ color 11.0852, 17.8829,

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

11.0852, 17.8829, 15.6995

Protanopia

16.6231, 17.6021, 13.3479

Deuteranopia

17.9190, 17.6971, 16.3814



Tritanopia

13.4181, 17.8379, 27.1619

Trichromacy



Original Color

11.0852, 17.8829, 15.6995

Protanomaly

12.9105, 16.7322, 14.1045

Deuteranomaly

13.5344, 16.6472, 16.1356

Tritanomaly

12.4417, 17.8289, 22.5242

Monochromacy



Original Color

11.0852, 17.8829, 15.6995

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

9.9880, 13.0124, 13.5405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0852, 17.8829, 15.6995 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, 133, 103)` looks like.

```
.text, #text, p{  
    color:rgb(18, 133, 103)  
}
```

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, 133, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 133, 103) }
```

Border

The CSS property to change the border of an element to XYZ 11.0852, 17.8829, 15.6995 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, 133, 103) }
```


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

```
.border{ border-color:rgb(18, 133, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 133, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 133, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 133, 103);  
box-shadow:4px 4px 4px 4px rgb(18, 133,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0852, 17.8829, 15.6995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 133, 103) }
```

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

```
.background{ background-color: rgb(18, 133,  
103) }
```

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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