

Converting Colors

XYZ(30.0011, 33.5823, 17.9975)

Have a look what the booklet for
XYZ(30.0011, 33.5823, 17.9975)
contains.

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Color

**XYZ(30.0011, 33.5823,
17.9975)**

Conversions

Conversions Part 1

Format	Color
Hex	A39F68
RGB	163, 159, 104
RGB Percent	64%, 62%, 41%
CMY	0.3608, 0.3765, 0.5922
CMYK	0.00, 0.02, 0.36, 0.36
HSL	56°, 24%, 52%
HSV	56°, 36%, 64%
XYZ	30.0011, 33.5823, 17.9975
YIQ	153.9260, 20.0390, -16.2570

Conversions

Conversions Part 2

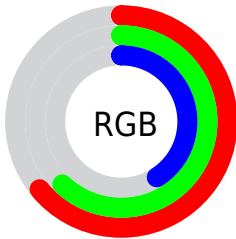
Format	Color
RYB	108, 163, 104
Decimal	10723176
CIELab	64.63, -7.11, 29.26
CIELCh	65, 30.106, 103.650
Yxy	33.5823, 0.3677, 0.4116
Android (android.graphics.Color)	4288913256 (0xFFA39F68)
YUV	153.9260, -24.6135, 7.9579
Hunter-Lab	57.9502, -9.0027, 22.1516

Details

The XYZ color **30.0011, 33.5823, 17.9975** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.6823, 16.3121, 36.8670**, and the grayscale version is **30.7818, 32.3849, 35.2671**.

A 20% lighter version of the original color is **59.2607, 65.5535, 40.9822**, and **12.5068, 14.3256, 5.8473** is the 20% darker color. If you saturate the color by 10%, you get **29.0633, 32.9060, 13.9875**, and if you desaturate by 10%, it is **31.1024, 34.3291, 22.8524**.

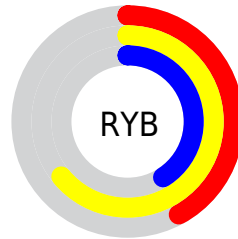
Distribution



Red (64%)

Green (62%)

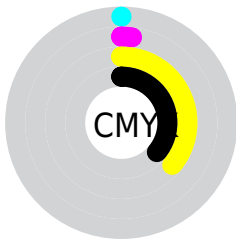
Blue (41%)



Red (42%)

Yellow (64%)

Blue (41%)

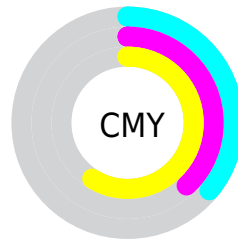


Cyan (0%)

Magenta (2%)

Yellow (36%)

Black (36%)



Cyan (36%)

Magenta (38%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0011, 33.5823, 17.9975 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 30.0011, 33.5823, 17.9975 by changing the saturation by 10% instead.


 30.0011, 33.5823,
17.9975


 30.0011, 33.5823,
17.9975


293.8193,
318.2655, 253.0926


 19.9875, 22.5729,
10.7788


 59.0505, 65.2836,
40.8469


 12.4942, 14.2785,
5.8060


 78.8171, 86.7443,
57.3147

 7.1558, 8.3146,
2.6606


 102.5653,
112.4575, 77.7026

 3.6069, 4.2969,
0.9235

 130.6606,
142.8076, 102.4292

 1.4822, 1.8410,
0.0000

163.4683,
178.1791, 131.9129

 0.3137, 0.5125,
0.0000

201.3537,

 0.0000, 0.0000,

218.9563, 166.5724

0.0000

244.6823,
265.5237, 206.8261

■ 30.0011, 33.5823,
17.9975

■ 30.0011, 33.5823,
17.9975

■ 29.0633, 32.9060,
13.9875

■ 31.1024, 34.3291,
22.8524

■ 28.2771, 32.2918,
10.7716

■ 32.3731, 35.1453,
28.5948

■ 27.6332, 31.7372,
8.2967

■ 33.8220, 36.0354,
35.2673

■ 27.1202, 31.2377,
6.5024

■ 35.4566, 37.0025,
42.9089

■ 26.7247, 30.7879,
5.3188

■ 37.2837, 38.0494,
51.5563

■ 26.4284, 30.3804,
4.6492

■ 39.3102, 39.1788,
61.2445

■ 26.3261, 30.2303,
4.4475

■ 41.5421, 40.3931,
72.0066

■ 43.9857, 41.6948,
83.8745

■ 46.6466, 43.0863,
96.8784

Harmonies

Analogous

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



34.3114, 33.5823, 18.1787



30.0011, 33.5823, 17.9975



26.5288, 33.5823, 21.9290

Triad

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



30.0011, 33.5823, 17.9975



26.2853, 33.5823, 55.5369



40.5586, 33.5823, 43.6687

Complementary

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



30.0011, 33.5823, 17.9975



17.6823, 16.3121, 36.8670

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.



37.9939, 33.5823, 56.5890



30.0011, 33.5823, 17.9975



29.6404, 33.5823, 64.4265

Square

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



30.0011, 33.5823, 17.9975



24.5177, 33.5823, 42.4633



33.9169, 33.5823, 64.8499



40.6773, 33.5823, 31.2406

Rectangle

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



30.0011, 33.5823, 17.9975



25.0478, 33.5823, 27.0023



33.9169, 33.5823, 64.8499



39.9441, 33.5823, 48.1556

Sweetspot

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



30.0019, 33.5838, 17.9982



59.2322, 63.7212, 56.9630



22.8107, 18.7899, 16.8695



13.2293, 14.2659, 12.4534



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.0019, 33.5838, 17.9982



52.4276, 59.2124, 26.6397



26.1464, 32.6329, 18.0179



7.6082, 8.1548, 7.5531



20.4736, 23.5211, 3.4610



0.4416, 0.5170, 0.0765

Inverse Universe

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



17.6823, 16.3121, 36.8670



27.2385, 23.9031, 65.2342



20.5516, 17.1800, 36.8832



6.7372, 6.9334, 8.8863



5.2447, 2.2688, 27.0913



0.1211, 0.0694, 0.5729

Previews

White Background



This preview shows how the XYZ color 30.0011, 33.5823, 17.9975 looks on a white background.

Color Contrast Check

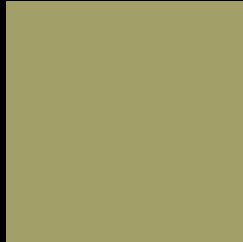
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.0011, 33.5823, 17.9975 looks on a 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 ✓ Pass

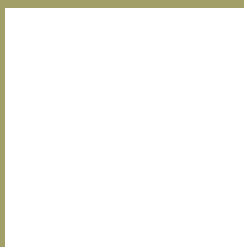
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0011, 33.5823, 17.9975

Background



This preview shows how black text looks on a background with the XYZ color 30.0011, 33.5823, 17.9975.



This preview shows how white text looks on a background with the XYZ color 30.0011, 33.5823,

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

30.0011, 33.5823, 17.9975

Protanopia

31.0827, 33.6393, 17.6868

Deuteranopia

34.2469, 33.5447, 18.3054



Tritanopia

34.5066, 33.6829, 39.8047

Trichromacy



Original Color

30.0011, 33.5823, 17.9975

Protanomaly

30.6114, 33.6485, 17.7134

Deuteranomaly

32.5314, 33.3861, 18.0942

Tritanomaly

32.5402, 33.6112, 30.3637

Monochromacy



Original Color

30.0011, 33.5823, 17.9975

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.2370, 32.7226, 28.0150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0011, 33.5823, 17.9975 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(163, 159, 104)` looks like.

```
.text, #text, p{  
    color:rgb(163, 159, 104)  
}
```

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(163, 159, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 159, 104) }
```

Border

The CSS property to change the border of an element to XYZ 30.0011, 33.5823, 17.9975 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(163, 159, 104) }
```


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

```
.border{ border-color:rgb(163, 159, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 159, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 159, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 159, 104); box-shadow:4px 4px 4px 4px rgb(163, 159, 104) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0011, 33.5823, 17.9975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 159, 104) }
```

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

```
.background{ background-color: rgb(163,  
159, 104) }
```

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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