

Converting Colors

XYZ(30.4309, 33.5187, 17.9641)

Have a look what the booklet for
XYZ(30.4309, 33.5187, 17.9641)
contains.

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Color

**XYZ(30.4514, 33.5602,
17.9695)**

Conversions

Conversions Part 1

Format	Color
Hex	A69E68
RGB	166, 158, 104
RGB Percent	65%, 62%, 41%
CMY	0.3490, 0.3804, 0.5922
CMYK	0.00, 0.05, 0.37, 0.35
HSL	52°, 26%, 53%
HSV	52°, 37%, 65%
XYZ	30.4514, 33.5602, 17.9695
YIQ	154.2360, 22.1020, -15.0980

Conversions

Conversions Part 2

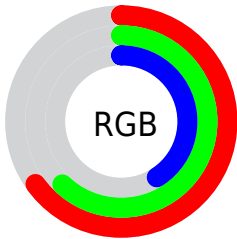
Format	Color
RYB	113, 166, 104
Decimal	10919528
CIELab	64.61, -5.33, 29.28
CIElCh	65, 29.764, 100.324
Yxy	33.5602, 0.3714, 0.4094
Android (android.graphics.Color)	4289109608 (0xFFA69E68)
YUV	154.2360, -24.7663, 10.3170
Hunter-Lab	57.9312, -7.5514, 22.1608

Details

The XYZ color **30.4514, 33.5602, 17.9695** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.3858, 17.2840, 38.4434**, and the grayscale version is **30.9182, 32.5283, 35.4234**.

A 20% lighter version of the original color is **59.9192, 65.5184, 40.9407**, and **12.7816, 14.3116, 5.8301** is the 20% darker color. If you saturate the color by 10%, you get **29.3282, 32.5329, 13.8368**, and if you desaturate by 10%, it is **31.7486, 34.6697, 22.9799**.

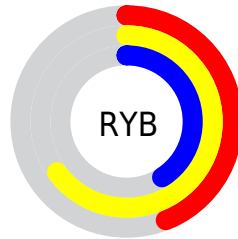
Distribution



Red (65%)

Green (62%)

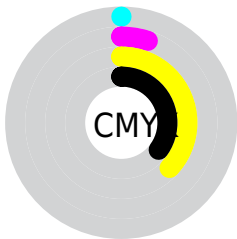
Blue (41%)



Red (44%)

Yellow (65%)

Blue (41%)

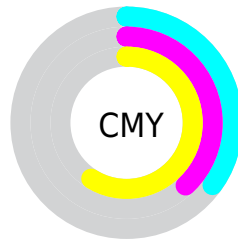


Cyan (0%)

Magenta (5%)

Yellow (37%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4514, 33.5602, 17.9695 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 30.4514, 33.5602, 17.9695 by changing the saturation by 10% instead.

■ 30.4514, 33.5602,
17.9695

■ 30.4514, 33.5602,
17.9695

295.8751,
318.1665, 252.9294

■ 20.3312, 22.5559,
10.7589

■ 59.7571, 65.2492,
40.7986

■ 12.7457, 14.2660,
5.7928

■ 79.6733, 86.7026,
57.2541

■ 7.3295, 8.3059,
2.6528

■ 103.5855,
112.4080, 77.6284

■ 3.7171, 4.2913,
0.9195

■ 131.8592,
142.7496, 102.3399

■ 1.5434, 1.8378,
0.0000

164.8596,
178.1119, 131.8072

■ 0.3551, 0.5106,
0.0000

202.9522,

■ 0.0000, 0.0000,

218.8792, 166.4489

0.0000

246.5022,
265.4359, 206.6834

■ 30.4514, 33.5602,
17.9695

■ 30.4514, 33.5602,
17.9695

■ 29.3282, 32.5329,
13.8368

■ 31.7486, 34.6697,
22.9799

■ 28.3668, 31.5792,
10.5282

■ 33.2264, 35.8604,
28.9133

■ 27.5570, 30.6963,
7.9875

■ 34.8940, 37.1374,
35.8144

■ 26.8867, 29.8793,
6.1504

■ 36.7592, 38.5037,
43.7242

■ 26.3418, 29.1223,
4.9424

■ 38.8294, 39.9623,
52.6815

■ 25.8998, 28.4164,
4.2462

■ 41.1115, 41.5162,
62.7231

■ 25.7891, 28.2335,
4.0904

■ 43.6124, 43.1681,
73.8838

■ 46.3382, 44.9205,
86.1970

■ 49.2952, 46.7759,
99.6946

Harmonies

Analogous

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



34.7384, 33.5602, 18.5938



30.4514, 33.5602, 17.9695



26.8821, 33.5602, 21.4063

Triad

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



30.4514, 33.5602, 17.9695



26.0477, 33.5602, 53.9353



40.2558, 33.5602, 45.0296

Complementary

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



30.4514, 33.5602, 17.9695



18.3858, 17.2840, 38.4434

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.



37.5019, 33.5602, 57.5209



30.4514, 33.5602, 17.9695



29.2167, 33.5602, 63.4038

Square

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



30.4514, 33.5602, 17.9695



24.4940, 33.5602, 40.9120



33.3896, 33.5602, 64.8452



40.6612, 33.5602, 32.4936

Rectangle

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



30.4514, 33.5602, 17.9695



25.2929, 33.5602, 26.1071



33.3896, 33.5602, 64.8452



39.5632, 33.5602, 49.4403

Sweetspot

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



30.4522, 33.5617, 17.9702



62.1208, 66.4885, 59.9574



23.6159, 19.1838, 17.8657



13.8133, 14.8115, 13.0518



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.4522, 33.5617, 17.9702



53.5172, 59.3178, 26.1486



27.5089, 34.1354, 18.2360



8.0631, 8.6063, 8.0255



20.0221, 21.9415, 3.1799



0.5093, 0.5781, 0.0847

Inverse Universe

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



18.3858, 17.2840, 38.4434



28.3518, 25.3796, 68.8797



20.5463, 17.1458, 38.3028



7.2069, 7.4507, 9.4766



5.5715, 2.6032, 28.1843



0.1584, 0.1091, 0.6933

Previews

White Background



This preview shows how the XYZ color 30.4514, 33.5602, 17.9695 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 30.4514, 33.5602, 17.9695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

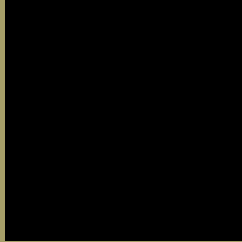
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4514, 33.5602, 17.9695

Background



This preview shows how black text looks on a background with the XYZ color 30.4514, 33.5602, 17.9695.



This preview shows how white text looks on a background with the XYZ color 30.4514, 33.5602,

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

30.4514, 33.5602, 17.9695

Protanopia

31.0827, 33.6393, 17.6868

Deuteranopia

34.2469, 33.5447, 18.3054



Tritanopia

34.9110, 33.6618, 39.3077

Trichromacy



Original Color

30.4514, 33.5602, 17.9695

Protanomaly

30.8673, 33.5282, 17.6767

Deuteranomaly

32.7634, 33.5057, 18.1050

Tritanomaly

33.0156, 33.6102, 30.3385

Monochromacy



Original Color

30.4514, 33.5602, 17.9695

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.2658, 32.4894, 27.9684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4514, 33.5602, 17.9695 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(166, 158, 104)` looks like.

```
.text, #text, p{  
    color:rgb(166, 158, 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(166, 158, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 158, 104) }
```

Border

The CSS property to change the border of an element to XYZ 30.4514, 33.5602, 17.9695 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(166, 158, 104) }
```


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

```
.border{ border-color:rgb(166, 158, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 158, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 158, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 158, 104);  
box-shadow:4px 4px 4px 4px rgb(166, 158,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4514, 33.5602, 17.9695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 158, 104) }
```

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

```
.background{ background-color: rgb(166,  
158, 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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