

Converting Colors

XYZ(32.3571, 34.9292, 18.0585)

Have a look what the booklet for
XYZ(32.3571, 34.9292, 18.0585)
contains.

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Color

**XYZ(32.5251, 35.1398,
18.1651)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA068
RGB	174, 160, 104
RGB Percent	68%, 63%, 41%
CMY	0.3176, 0.3725, 0.5922
CMYK	0.00, 0.08, 0.40, 0.32
HSL	48°, 30%, 55%
HSV	48°, 40%, 68%
XYZ	32.5251, 35.1398, 18.1651
YIQ	157.8020, 26.3200, -14.4480

Conversions

Conversions Part 2

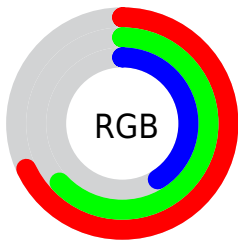
Format	Color
RYB	122, 174, 104
Decimal	11444328
CIELab	65.86, -3.11, 31.03
CIELCh	66, 31.188, 95.715
Yxy	35.1398, 0.3789, 0.4094
Android (android.graphics.Color)	4289634408 (0xFFAEA068)
YUV	157.8020, -26.5244, 14.2056
Hunter-Lab	59.2788, -5.7986, 23.3267

Details

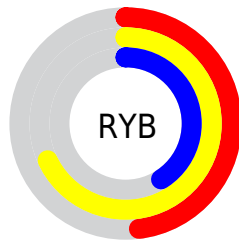
The XYZ color **32.5251, 35.1398, 18.1651** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.8272, 18.9553, 42.6582**, and the grayscale version is **32.5185, 34.2119, 37.2568**.

A 20% lighter version of the original color is **63.2562, 67.9901, 41.2419**, and **13.9282, 15.2159, 5.9442** is the 20% darker color. If you saturate the color by 10%, you get **31.1365, 33.6341, 13.7827**, and if you desaturate by 10%, it is **34.1147, 36.7555, 23.5151**.

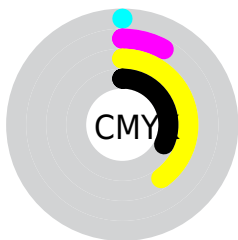
Distribution



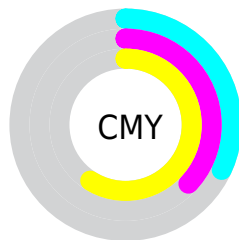
- Red (68%)
- Green (63%)
- Blue (41%)



- Red (48%)
- Yellow (68%)
- Blue (41%)



- Cyan (0%)
- Magenta (8%)
- Yellow (40%)
- Black (32%)



- Cyan (32%)
- Magenta (37%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5251, 35.1398, 18.1651 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 32.5251, 35.1398, 18.1651 by changing the saturation by 10% instead.

■ 32.5251, 35.1398,
18.1651

■ 32.5251, 35.1398,
18.1651

305.2073,
325.1850, 254.0673

■ 21.9204, 23.7706,
10.8979

■ 62.9930, 67.7023,
41.1362

■ 13.9147, 15.1635,
5.8849

■ 83.5870, 89.6643,
57.6772

■ 8.1427, 8.9342,
2.7076

■ 108.2413,
115.9261, 78.1465

■ 4.2389, 4.6983,
0.9472

■ 137.3215,
146.8721, 102.9627

■ 1.8382, 2.0714,
0.0000

171.1928,
182.8865, 132.5444

■ 0.5405, 0.6484,
0.0000

210.2207,

■ 0.0000, 0.0000,

224.3539, 167.3100

0.0000

254.7704,
271.6586, 207.6781

■ 32.5251, 35.1398,
18.1651

■ 32.5251, 35.1398,
18.1651

■ 31.1365, 33.6341,
13.7827

■ 34.1147, 36.7555,
23.5151

■ 29.9349, 32.2286,
10.3061

■ 35.9132, 38.4807,
29.8849

■ 28.9085, 30.9198,
7.6699

■ 37.9311, 40.3211,
37.3257

■ 28.0427, 29.7017,
5.7989

■ 40.1775, 42.2805,
45.8845

■ 27.3208, 28.5672,
4.6044

■ 42.6609, 44.3626,
55.6056

■ 26.7187, 27.5250,
3.9046

■ 45.3894, 46.5708,
66.5308

■ 48.3707, 48.9084,
78.6998

■ 51.6120, 51.3785,
92.1507

■ 54.2052, 53.6179,
102.1001

Harmonies

Analogous

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



37.1759, 35.1398, 19.4851



32.5251, 35.1398, 18.1651



28.4913, 35.1398, 21.1407

Triad

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



32.5251, 35.1398, 18.1651



26.7120, 35.1398, 55.0605



42.1403, 35.1398, 49.6702

Complementary

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



32.5251, 35.1398, 18.1651



19.8272, 18.9553, 42.6582

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.



38.8409, 35.1398, 62.7721



32.5251, 35.1398, 18.1651



29.8876, 35.1398, 66.3517

Square

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



32.5251, 35.1398, 18.1651



25.3390, 35.1398, 40.8431



34.2891, 35.1398, 69.4567



43.0099, 35.1398, 35.7906

Rectangle

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



32.5251, 35.1398, 18.1651



26.6029, 35.1398, 25.6777



34.2891, 35.1398, 69.4567



41.2647, 35.1398, 54.4021

Sweetspot

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



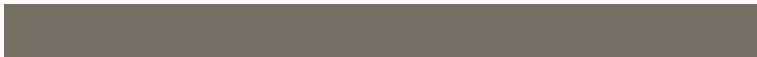
32.5260, 35.1414, 18.1658



68.0449, 72.4595, 64.8695



25.6762, 20.2077, 19.6872



15.0178, 16.0094, 14.0242



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.5260, 35.1414, 18.1658



56.8055, 61.3748, 25.9965



30.7718, 38.0440, 18.8185



8.5246, 9.0540, 8.5117



19.4216, 20.0487, 2.8462



0.5744, 0.6260, 0.0906

Inverse Universe

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



19.8272, 18.9553, 42.6582



30.6794, 28.0920, 76.4422



21.0481, 17.3170, 42.2776



7.7038, 8.0069, 10.0922



6.0077, 3.1492, 29.3357



0.2040, 0.1613, 0.8284

Previews

White Background



This preview shows how the XYZ color 32.5251, 35.1398, 18.1651 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 32.5251, 35.1398, 18.1651 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 32.5251, 35.1398, 18.1651

Background



This preview shows how black text looks on a background with the XYZ color 32.5251, 35.1398, 18.1651.



This preview shows how white text looks on a background with the XYZ color 32.5251, 35.1398,

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

32.5251, 35.1398, 18.1651

Protanopia

32.5251, 35.1398, 18.1651

Deuteranopia

35.7310, 35.0295, 18.5138



Tritanopia

37.1481, 35.2866, 39.9750

Trichromacy



Original Color

32.5251, 35.1398, 18.1651

Protanomaly

32.5251, 35.1398, 18.1651

Deuteranomaly

34.4459, 35.1111, 18.3262

Tritanomaly

35.1310, 35.1949, 30.5329

Monochromacy



Original Color

32.5251, 35.1398, 18.1651

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.2954, 34.5238, 29.0064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5251, 35.1398, 18.1651 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(174, 160, 104)` looks like.

```
.text, #text, p{  
    color:rgb(174, 160, 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(174, 160, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 160, 104) }
```

Border

The CSS property to change the border of an element to XYZ 32.5251, 35.1398, 18.1651 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(174, 160, 104) }
```


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

```
.border{ border-color:rgb(174, 160, 104) }
```

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

Here you see how a box with a 4 pixel rgb(174, 160, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 160, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 160, 104);  
box-shadow:4px 4px 4px 4px rgb(174, 160,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5251, 35.1398, 18.1651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 160, 104) }
```

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

```
.background{ background-color: rgb(174,  
160, 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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