

Converting Colors

XYZ(28.4185, 32.8766, 36.3005)

Have a look what the booklet for
XYZ(28.4185, 32.8766, 36.3005)
contains.

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Color

**XYZ(28.4185, 32.8766,
36.3005)**

Conversions

Conversions Part 1

Format	Color
Hex	85A19C
RGB	133, 161, 156
RGB Percent	52%, 63%, 61%
CMY	0.4784, 0.3686, 0.3882
CMYK	0.17, 0.00, 0.03, 0.37
HSL	169°, 13%, 58%
HSV	169°, 17%, 63%
XYZ	28.4185, 32.8766, 36.3005
YIQ	152.0580, -15.0830, -7.4910

Conversions

Conversions Part 2

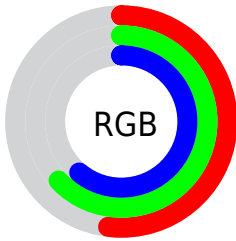
Format	Color
RYB	133, 148, 161
Decimal	8757660
CIELab	64.06, -10.75, -0.64
CIElCh	64, 10.767, 183.430
Yxy	32.8766, 0.2912, 0.3369
Android (android.graphics.Color)	4286947740 (0xFF85A19C)
YUV	152.0580, 1.9434, -16.7139
Hunter-Lab	57.3381, -11.8717, 2.6005

Details

The XYZ color **28.4185, 32.8766, 36.3005** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.6741, 26.1880, 27.6424**, and the grayscale version is **29.8673, 31.4228, 34.2194**.

A 20% lighter version of the original color is **56.4384, 64.2040, 70.3908**, and **11.5857, 13.7962, 15.4169** is the 20% darker color. If you saturate the color by 10%, you get **25.8284, 31.5701, 34.9235**, and if you desaturate by 10%, it is **31.4059, 34.3891, 37.7276**.

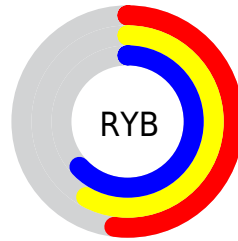
Distribution



Red (52%)

Green (63%)

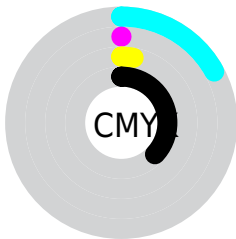
Blue (61%)



Red (52%)

Yellow (58%)

Blue (63%)

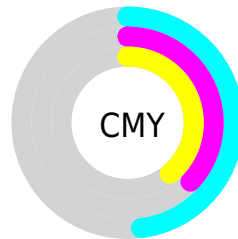


Cyan (17%)

Magenta (0%)

Yellow (3%)

Black (37%)



Cyan (48%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4185, 32.8766, 36.3005 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 28.4185, 32.8766, 36.3005 by changing the saturation by 10% instead.

■ 28.4185, 32.8766,
36.3005

■ 28.4185, 32.8766,
36.3005

286.5052,
315.0933, 345.3491

■ 18.7834, 22.0319,
24.3748

■ 56.5559, 64.1828,
70.6699

■ 11.6170, 13.8804,
15.3971

■ 75.7889, 85.4132,
93.9507

■ 6.5538, 8.0375,
8.9489

■ 98.9520, 110.8742,
121.8536

■ 3.2285, 4.1190,
4.6115

126.4104,
140.9503, 154.7972

■ 1.2757, 1.7403,
1.9665

158.5296,
176.0259, 193.2000

■ 0.1649, 0.4496,
0.5345

195.6749,

■ 0.0000, 0.0000,

216.4853, 237.4806

0.0000

238.2117,
262.7130, 288.0574

■ 28.4185, 32.8766,
36.3005

■ 28.4185, 32.8766,
36.3005

■ 25.8284, 31.5701,
34.9235

■ 31.4059, 34.3891,
37.7276

■ 23.6151, 30.4562,
33.5933

■ 34.8043, 36.1119,
39.2036

■ 21.7604, 29.5266,
32.3096

■ 38.6304, 38.0545,
40.7301

■ 20.2435, 28.7704,
31.0713

■ 42.8990, 40.2245,
42.3080

■ 19.0415, 28.1760,
29.8769

■ 47.6242, 42.6292,
43.9382

■ 18.1286, 27.7299,
28.7251

■ 52.8194, 45.2756,
45.6215

■ 17.4746, 27.4167,
27.6143

■ 58.4975, 48.1702,
47.3587

■ 17.0311, 27.2113,
26.5420

■ 62.1232, 50.0061,
49.0313

■ 16.9269, 27.1635,
26.2676

■ 62.4173, 50.1237,
50.5797

Harmonies

Analogous

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



28.7045, 32.8766, 32.1793



28.4185, 32.8766, 36.3005



28.8702, 32.8766, 40.6131

Triad

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



28.4185, 32.8766, 36.3005



32.8875, 32.8766, 43.2530



32.5749, 32.8766, 28.8154

Complementary

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



28.4185, 32.8766, 36.3005



27.6741, 26.1880, 27.6424

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.



33.7534, 32.8766, 31.3776



28.4185, 32.8766, 36.3005



33.9379, 32.8766, 39.6762

Square

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



28.4185, 32.8766, 36.3005



31.4235, 32.8766, 44.8268



34.2598, 32.8766, 35.2982



31.0736, 32.8766, 28.0694

Rectangle

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



28.4185, 32.8766, 36.3005



29.5377, 32.8766, 42.9550



34.2598, 32.8766, 35.2982



33.0235, 32.8766, 29.4820

Sweetspot

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



28.4194, 32.8780, 36.3012



57.5750, 62.2600, 68.1634



27.4828, 32.5993, 27.0347



12.5426, 13.6117, 14.9115



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.4194, 32.8780, 36.3012



48.9541, 57.8987, 64.0116



27.3568, 30.0607, 38.0803



7.2216, 7.9894, 8.7785



13.5319, 21.6991, 21.0492



0.2977, 0.4613, 0.5127

Inverse Universe

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



27.6741, 26.1880, 27.6424



47.3581, 43.5668, 45.4653



28.5859, 28.5779, 26.2003



7.1230, 7.1057, 7.6344



11.9249, 6.1260, 1.5292



0.2641, 0.1341, 0.1035

Previews

White Background



This preview shows how the XYZ color 28.4185, 32.8766, 36.3005 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 28.4185, 32.8766, 36.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

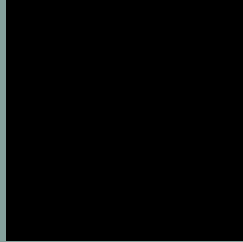
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

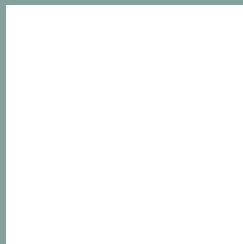
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4185, 32.8766, 36.3005

Background



This preview shows how black text looks on a background with the XYZ color 28.4185, 32.8766, 36.3005.



This preview shows how white text looks on a background with the XYZ color 28.4185, 32.8766,

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

28.4185, 32.8766, 36.3005

Protanopia

31.3236, 32.6473, 34.3564

Deuteranopia

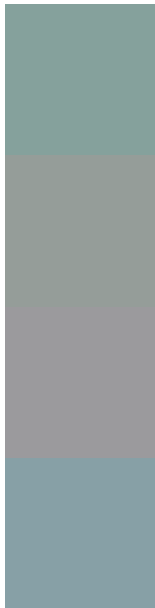
33.2264, 32.6061, 36.8901



Tritanopia

29.9022, 32.9708, 43.3161

Trichromacy



Original Color

28.4185, 32.8766, 36.3005

Protanomaly

30.2012, 32.8034, 34.8769

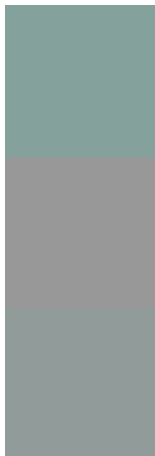
Deuteranomaly

31.1590, 32.5141, 36.5319

Tritanomaly

29.4454, 33.0457, 40.9029

Monochromacy



Original Color

28.4185, 32.8766, 36.3005

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.1482, 31.7623, 34.7315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4185, 32.8766, 36.3005 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(133, 161, 156)` looks like.

```
.text, #text, p{  
    color:rgb(133, 161, 156)  
}
```

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(133, 161, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 161, 156) }
```

Border

The CSS property to change the border of an element to XYZ 28.4185, 32.8766, 36.3005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

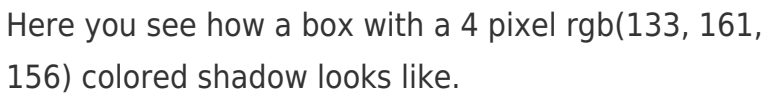
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 161, 156) }
```


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

```
.border{ border-color:rgb(133, 161, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(133, 161, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 161, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 161, 156); box-shadow:4px 4px 4px 4px rgb(133, 161, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4185, 32.8766, 36.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 161, 156) }
```

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

```
.background{ background-color: rgb(133,  
161, 156) }
```

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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