

Converting Colors

XYZ(28.2581, 32.5158, 37.1346)

Have a look what the booklet for
XYZ(28.2581, 32.5158, 37.1346)
contains.

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Color

**XYZ(28.2581, 32.5158,
37.1346)**

Conversions

Conversions Part 1

Format	Color
Hex	84A09E
RGB	132, 160, 158
RGB Percent	52%, 63%, 62%
CMY	0.4823, 0.3725, 0.3804
CMYK	0.18, 0.00, 0.01, 0.37
HSL	176°, 13%, 57%
HSV	176°, 18%, 63%
XYZ	28.2581, 32.5158, 37.1346
YIQ	151.4000, -16.0460, -6.5580

Conversions

Conversions Part 2

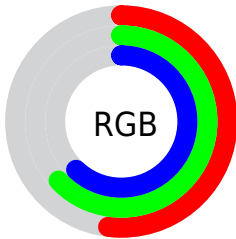
Format	Color
RYB	132, 147, 160
Decimal	8691870
CIELab	63.77, -10.11, -2.21
CIELCh	64, 10.349, 192.303
Yxy	32.5158, 0.2886, 0.3321
Android (android.graphics.Color)	4286881950 (0xFF84A09E)
YUV	151.4000, 3.2538, -17.0138
Hunter-Lab	57.0226, -11.3322, 1.3047

Details

The XYZ color **28.2581, 32.5158, 37.1346** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.0527, 25.6982, 26.0901**, and the grayscale version is **29.5790, 31.1194, 33.8890**.

A 20% lighter version of the original color is **56.3183, 63.7193, 72.2815**, and **11.6022, 13.7927, 15.9607** is the 20% darker color. If you saturate the color by 10%, you get **25.8476, 31.2854, 36.5107**, and if you desaturate by 10%, it is **31.0551, 33.9472, 37.7827**.

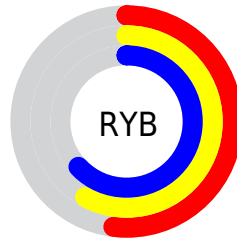
Distribution



Red (52%)

Green (63%)

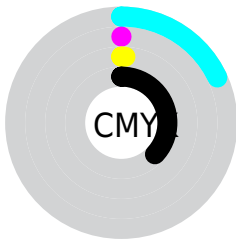
Blue (62%)



Red (52%)

Yellow (58%)

Blue (63%)

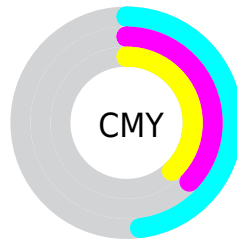


Cyan (18%)

Magenta (0%)

Yellow (1%)

Black (37%)



Cyan (48%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2581, 32.5158, 37.1346 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 28.2581, 32.5158, 37.1346 by changing the saturation by 10% instead.

■ 28.2581, 32.5158,
37.1346

■ 28.2581, 32.5158,
37.1346

285.7559,
313.4622, 349.0791

■ 18.6618, 21.7558,
25.0151

■ 56.3020, 63.6188,
71.9684

■ 11.5287, 13.6776,
15.8692

■ 75.4803, 84.7306,
95.5198

■ 6.4935, 7.8967,
9.2783

■ 98.5833, 110.0618,
123.7189

■ 3.1909, 4.0289,
4.8239

125.9763,
139.9968, 156.9843

■ 1.2555, 1.6898,
2.0874

158.0247,
174.9199, 195.7344

■ 0.1495, 0.4170,
0.6082

195.0939,

■ 0.0000, 0.0000,

215.2156, 240.3879

0.0000

237.5492,
261.2682, 291.3633

■ 28.2581, 32.5158,
37.1346

■ 28.2581, 32.5158,
37.1346

■ 25.8476, 31.2854,
36.5107

■ 31.0551, 33.9472,
37.7827

■ 23.8035, 30.2428,
35.9081

■ 34.2522, 35.5838,
38.4537

■ 22.1079, 29.3798,
35.3265

■ 37.8657, 37.4350,
39.1489

■ 20.7402, 28.6857,
34.7651

■ 41.9102, 39.5082,
39.8692

■ 19.6781, 28.1491,
34.2226

■ 46.3995, 41.8107,
40.6151

■ 18.8960, 27.7567,
33.6980

■ 51.3468, 44.3491,
41.3873

■ 18.3643, 27.4933,
33.1898

■ 56.7649, 47.1302,
42.1864

■ 18.0342, 27.3337,
32.6958

■ 60.8007, 49.1985,
42.9256

■ 17.9614, 27.2988,
32.5735

■ 60.9071, 49.2411,
43.4859

Harmonies

Analogous

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



28.3222, 32.5158, 33.0298



28.2581, 32.5158, 37.1346



28.8869, 32.5158, 41.0604

Triad

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



28.2581, 32.5158, 37.1346



32.8219, 32.5158, 41.6503



31.7614, 32.5158, 28.3229

Complementary

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



28.2581, 32.5158, 37.1346



27.0527, 25.6982, 26.0901

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.



33.0156, 32.5158, 30.2928



28.2581, 32.5158, 37.1346



33.6409, 32.5158, 37.8897

Square

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



28.2581, 32.5158, 37.1346



31.5037, 32.5158, 43.8011



33.7129, 32.5158, 33.7284



30.3145, 32.5158, 28.1555

Rectangle

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



28.2581, 32.5158, 37.1346



29.6262, 32.5158, 42.9626



33.7129, 32.5158, 33.7284



32.2206, 32.5158, 28.7887

Sweetspot

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



28.2590, 32.5171, 37.1353



57.7127, 62.3151, 68.8883



26.6214, 31.9047, 26.5855



12.5767, 13.6254, 15.0908



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.



28.2590, 32.5171, 37.1353



49.5171, 58.1239, 66.9764



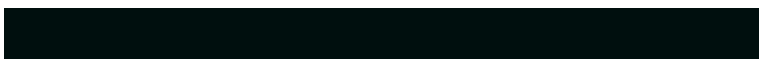
26.5041, 28.7292, 37.4077



6.8014, 7.5013, 8.3886



13.9978, 21.2670, 25.4090



0.2558, 0.3825, 0.4832

Inverse Universe

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



27.0527, 25.6982, 26.0901



46.9106, 43.3878, 43.1088



28.5861, 28.9863, 25.9186



6.6513, 6.6535, 7.0151



11.3490, 5.8442, 0.8231



0.2079, 0.1065, 0.0410

Previews

White Background



This preview shows how the XYZ color 28.2581, 32.5158, 37.1346 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 28.2581, 32.5158, 37.1346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

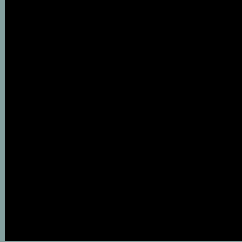
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

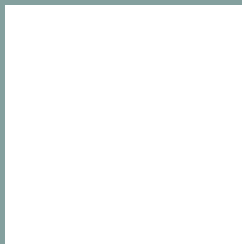
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2581, 32.5158, 37.1346

Background



This preview shows how black text looks on a background with the XYZ color 28.2581, 32.5158, 37.1346.

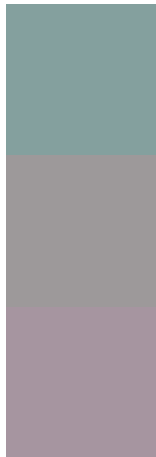


This preview shows how white text looks on a background with the XYZ color 28.2581, 32.5158,

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

28.2581, 32.5158, 37.1346

Protanopia

31.1286, 32.2837, 35.1626

Deuteranopia

32.8185, 32.1399, 37.7316



Tritanopia

29.4091, 32.4623, 43.2439

Trichromacy



Original Color

28.2581, 32.5158, 37.1346

Protanomaly

30.0176, 32.4394, 35.6897

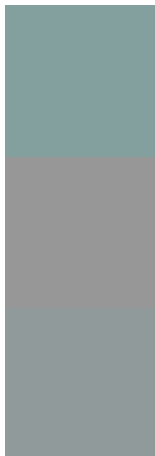
Deuteranomaly

30.9757, 32.1557, 37.3750

Tritanomaly

28.9539, 32.5360, 40.8304

Monochromacy



Original Color

28.2581, 32.5158, 37.1346

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.8899, 31.3736, 35.1049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2581, 32.5158, 37.1346 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(132, 160, 158)` looks like.

```
.text, #text, p{  
    color:rgb(132, 160, 158)  
}
```

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(132, 160, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 160, 158) }
```

Border

The CSS property to change the border of an element to XYZ 28.2581, 32.5158, 37.1346 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(132, 160, 158) }
```


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

```
.border{ border-color:rgb(132, 160, 158) }
```

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

Here you see how a box with a 4 pixel rgb(132, 160, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 160, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 160, 158);  
box-shadow:4px 4px 4px 4px rgb(132, 160,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2581, 32.5158, 37.1346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 160, 158) }
```

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

```
.background{ background-color: rgb(132,  
160, 158) }
```

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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