

Converting Colors

XYZ(29.5906, 37.3094, 35.4475)

Have a look what the booklet for
XYZ(29.5906, 37.3094, 35.4475)
contains.

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Color

**XYZ(29.6017, 37.3626,
35.3573)**

Conversions

Conversions Part 1

Format	Color
Hex	7EAF98
RGB	126, 175, 152
RGB Percent	49%, 69%, 60%
CMY	0.5059, 0.3137, 0.4039
CMYK	0.28, 0.00, 0.13, 0.31
HSL	152°, 23%, 59%
HSV	152°, 28%, 69%
XYZ	29.6017, 37.3626, 35.3573
YIQ	157.7270, -21.8210, -17.5410

Conversions

Conversions Part 2

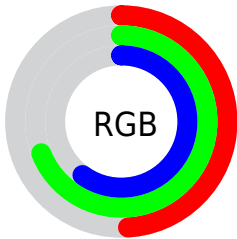
Format	Color
RYB	126, 158, 175
Decimal	8302488
CIELab	67.55, -21.20, 6.58
CIELCh	68, 22.200, 162.758
Yxy	37.3626, 0.2893, 0.3651
Android (android.graphics.Color)	4286492568 (0xFF7EAF98)
YUV	157.7270, -2.8234, -27.8246
Hunter-Lab	61.1250, -20.5244, 8.4916

Details

The XYZ color **29.6017, 37.3626, 35.3573** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **30.5662, 26.2066, 31.8828**, and the grayscale version is **32.3961, 34.0832, 37.1166**.

A 20% lighter version of the original color is **58.5389, 71.3114, 69.0717**, and **12.2101, 16.3545, 14.8251** is the 20% darker color. If you saturate the color by 10%, you get **26.5939, 35.8881, 31.8255**, and if you desaturate by 10%, it is **33.1096, 39.0915, 39.1574**.

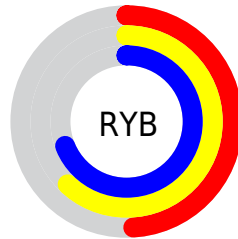
Distribution



Red (49%)

Green (69%)

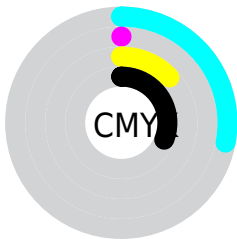
Blue (60%)



Red (49%)

Yellow (62%)

Blue (69%)

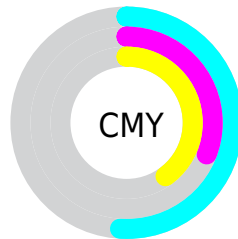


Cyan (28%)

Magenta (0%)

Yellow (13%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6017, 37.3626, 35.3573 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 29.6017, 37.3626, 35.3573 by changing the saturation by 10% instead.

■ 29.6017, 37.3626,
35.3573

■ 29.6017, 37.3626,
35.3573

291.9867,
334.8777, 341.0947

■ 19.6830, 25.4884,
23.6525

■ 58.4227, 71.1301,
69.1968

■ 12.2718, 16.4413,
14.8662

■ 78.0557, 93.7922,
92.1685

■ 7.0026, 9.8369,
8.5800

■ 101.6576,
120.8190, 119.7329

■ 3.5100, 5.2910,
4.3752

129.5936,
152.5949, 152.3086

■ 1.4289, 2.4190,
1.8333

162.2292,
189.5043, 190.3141

■ 0.2767, 0.8356,
0.4498

199.9296,

■ 0.0000, 0.0000,

231.9317, 234.1679

0.0000

243.0604,
280.2614, 284.2886

■ 29.6017, 37.3626,
35.3573

■ 29.6017, 37.3626,
35.3573

■ 26.5939, 35.8881,
31.8255

■ 33.1096, 39.0915,
39.1574

■ 24.0587, 34.6510,
28.5535

■ 37.1373, 41.0819,
43.2291

■ 21.9705, 33.6391,
25.5358

■ 41.7070, 43.3462,
47.5788

■ 20.2999, 32.8374,
22.7657

■ 46.8388, 45.8945,
52.2120

■ 19.0138, 32.2291,
20.2365

■ 52.5517, 48.7366,
57.1339

■ 18.0737, 31.7943,
17.9406

■ 58.8638, 51.8817,
62.3497

■ 17.4172, 31.5010,
15.8693

■ 65.7925, 55.3387,
67.8643

■ 17.3000, 31.4491,
15.4806

■ 69.1891, 56.9687,
73.4877

■ 70.2893, 57.4088,
79.2817

Harmonies

Analogous

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



31.2373, 37.3626, 28.3753



29.6017, 37.3626, 35.3573



29.4841, 37.3626, 44.9782

Triad

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



29.6017, 37.3626, 35.3573



36.9822, 37.3626, 61.9215



40.5556, 37.3626, 29.2015

Complementary

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



29.6017, 37.3626, 35.3573



30.5662, 26.2066, 31.8828

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.



42.3102, 37.3626, 36.6676



29.6017, 37.3626, 35.3573



40.1600, 37.3626, 56.1130

Square

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



29.6017, 37.3626, 35.3573



33.6008, 37.3626, 61.4189



42.1609, 37.3626, 46.5151



37.4944, 37.3626, 25.2322

Rectangle

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



29.6017, 37.3626, 35.3573



30.2704, 37.3626, 51.7312



42.1609, 37.3626, 46.5151



41.3263, 37.3626, 31.3293

Sweetspot

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



29.6027, 37.3641, 35.3581



66.4025, 73.5205, 77.3143



31.6167, 38.6220, 25.5277



14.5073, 16.2164, 16.9362



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.



29.6027, 37.3641, 35.3581



49.3680, 65.1243, 59.1020



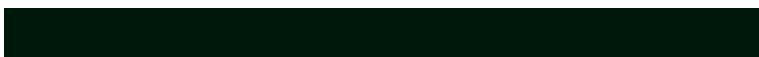
31.5149, 37.8754, 46.2090



8.0754, 9.0077, 9.4220



12.4199, 22.5332, 11.2506



0.3729, 0.6378, 0.4570

Inverse Universe

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



30.5662, 26.2066, 31.8828



51.3990, 41.6131, 51.7822



29.0120, 25.7527, 23.1809



8.1558, 8.0756, 9.1315



13.7859, 6.9769, 6.5182



0.4113, 0.2052, 0.3277

Previews

White Background



This preview shows how the XYZ color 29.6017, 37.3626, 35.3573 looks on a white background.

Color Contrast Check

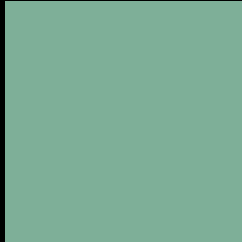
Large Text (above 18pt) WCAG AA × Fail

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 29.6017, 37.3626, 35.3573 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

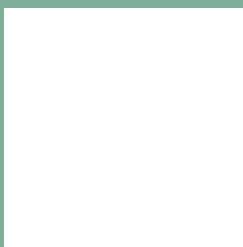
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.6017, 37.3626, 35.3573

Background



This preview shows how black text looks on a background with the XYZ color 29.6017, 37.3626, 35.3573.

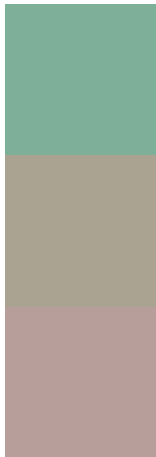


This preview shows how white text looks on a background with the XYZ color 29.6017, 37.3626,

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

29.6017, 37.3626, 35.3573

Protanopia

35.0801, 36.9276, 32.4730

Deuteranopia

37.6717, 36.8876, 36.1448



Tritanopia

32.6993, 37.1967, 50.8036

Trichromacy



Original Color

29.6017, 37.3626, 35.3573

Protanomaly

32.6816, 36.7441, 33.3868

Deuteranomaly

34.0085, 36.5654, 35.8372

Tritanomaly

31.4048, 37.2294, 44.5605

Monochromacy



Original Color

29.6017, 37.3626, 35.3573

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.1303, 35.0622, 36.5794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6017, 37.3626, 35.3573 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(126, 175, 152)` looks like.

```
.text, #text, p{  
    color:rgb(126, 175, 152)  
}
```

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(126, 175, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 175, 152) }
```

Border

The CSS property to change the border of an element to XYZ 29.6017, 37.3626, 35.3573 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(126, 175, 152) }
```


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

```
.border{ border-color:rgb(126, 175, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 175, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 175, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 175, 152);  
box-shadow:4px 4px 4px 4px rgb(126, 175,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6017, 37.3626, 35.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 175, 152) }
```

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

```
.background{ background-color: rgb(126,  
175, 152) }
```

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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