

Converting Colors

XYZ(29.5568, 36.3768, 37.1381)

Have a look what the booklet for
XYZ(29.5568, 36.3768, 37.1381)
contains.

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Color

**XYZ(29.5907, 36.4514,
37.3745)**

Conversions

Conversions Part 1

Format	Color
Hex	7FAC9D
RGB	127, 172, 157
RGB Percent	50%, 67%, 62%
CMY	0.5020, 0.3255, 0.3843
CMYK	0.26, 0.00, 0.09, 0.33
HSL	160°, 21%, 59%
HSV	160°, 26%, 67%
XYZ	29.5907, 36.4514, 37.3745
YIQ	156.8350, -22.0050, -14.2050

Conversions

Conversions Part 2

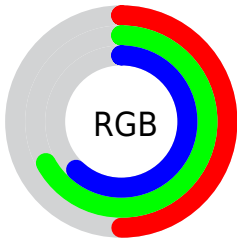
Format	Color
RYB	127, 154, 172
Decimal	8367261
CIELab	66.86, -18.29, 2.83
CIELCh	67, 18.511, 171.195
Yxy	36.4514, 0.2861, 0.3525
Android (android.graphics.Color)	4286557341 (0xFF7FAC9D)
YUV	156.8350, 0.0813, -26.1653
Hunter-Lab	60.3750, -18.1707, 5.5597

Details

The XYZ color **29.5907, 36.4514, 37.3745** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.4864, 25.9033, 29.0384**, and the grayscale version is **31.9812, 33.6467, 36.6413**.

A 20% lighter version of the original color is **58.6831, 70.0640, 72.7181**, and **12.2985, 16.0100, 16.0777** is the 20% darker color. If you saturate the color by 10%, you get **26.7665, 35.0517, 34.7470**, and if you desaturate by 10%, it is **32.8772, 38.0887, 40.1452**.

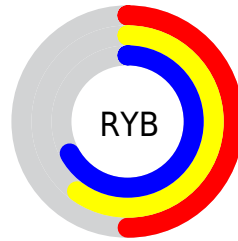
Distribution



Red (50%)

Green (67%)

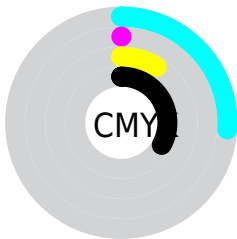
Blue (62%)



Red (50%)

Yellow (60%)

Blue (67%)

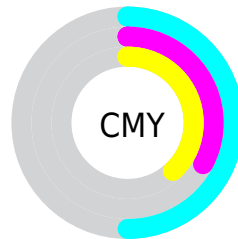


Cyan (26%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (50%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5907, 36.4514, 37.3745 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 29.5907, 36.4514, 37.3745 by changing the saturation by 10% instead.

■ 29.5907, 36.4514,
37.3745

■ 29.5907, 36.4514,
37.3745

291.9361,
330.9292, 350.1465

■ 19.6747, 24.7830,
25.1995

■ 58.4054, 69.7282,
72.3411

■ 12.2657, 15.9155,
16.0054

■ 78.0347, 92.1055,
95.9699

■ 6.9984, 9.4644,
9.3736

■ 101.6325,
118.8211, 124.2537

■ 3.5074, 5.0453,
4.8855

129.5642,
150.2595, 157.6110

■ 1.4274, 2.2739,
2.1227

162.1950,
186.8052, 196.4604

■ 0.2756, 0.7598,
0.6292

199.8903,

■ 0.0000, 0.0000,

228.8424, 241.2204

0.0000

243.0156,
276.7556, 292.3096

■ 29.5907, 36.4514,
37.3745

■ 29.5907, 36.4514,
37.3745

■ 26.7665, 35.0517,
34.7470

■ 32.8772, 38.0887,
40.1452

■ 24.3791, 33.8736,
32.2575

■ 36.6440, 39.9700,
43.0591

■ 22.4051, 32.9060,
29.9040

■ 40.9117, 42.1067,
46.1196

■ 20.8174, 32.1350,
27.6835

■ 45.6988, 44.5085,
49.3291

■ 19.5857, 31.5451,
25.5930

■ 51.0227, 47.1842,
52.6898

■ 18.6751, 31.1181,
23.6290

■ 56.9004, 50.1426,
56.2041

■ 18.0386, 30.8301,
21.7875

■ 63.3476, 53.3917,
59.8741

■ 17.8283, 30.7365,
21.1112

■ 66.7576, 55.0722,
63.5325

■ 67.4533, 55.3504,
67.1958

Harmonies

Analogous

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



30.6154, 36.4514, 30.7854



29.5907, 36.4514, 37.3745



29.8624, 36.4514, 45.5324

Triad

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



29.5907, 36.4514, 37.3745



36.6302, 36.4514, 55.8805



38.1325, 36.4514, 28.8402

Complementary

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



29.5907, 36.4514, 37.3745



29.4864, 25.9033, 29.0384

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.



39.9149, 36.4514, 34.3689



29.5907, 36.4514, 37.3745



39.0156, 36.4514, 50.1633

Square

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



29.5907, 36.4514, 37.3745



33.8280, 36.4514, 56.9701



40.2465, 36.4514, 42.0979



35.4771, 36.4514, 26.3127

Rectangle

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



29.5907, 36.4514, 37.3745



30.7486, 36.4514, 50.7419



40.2465, 36.4514, 42.0979



38.8594, 36.4514, 30.3710

Sweetspot

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



29.5917, 36.4529, 37.3753



65.0508, 71.7963, 77.0445



29.8689, 36.8563, 25.6189



13.9122, 15.4906, 16.5727



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.5917, 36.4529, 37.3753



50.8167, 64.7058, 65.1988



29.7002, 34.4925, 44.1239



8.1211, 9.0260, 9.6626



13.2928, 22.8824, 15.8477



0.3938, 0.6462, 0.5672

Inverse Universe

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



29.4864, 25.9033, 29.0384



50.5972, 42.5148, 47.6728



29.3357, 27.2851, 23.7996



8.1113, 8.0578, 8.8967



13.2397, 6.7584, 3.6419



0.3941, 0.1983, 0.2372

Previews

White Background



This preview shows how the XYZ color 29.5907, 36.4514, 37.3745 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 29.5907, 36.4514, 37.3745 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 29.5907, 36.4514, 37.3745

Background



This preview shows how black text looks on a background with the XYZ color 29.5907, 36.4514, 37.3745.

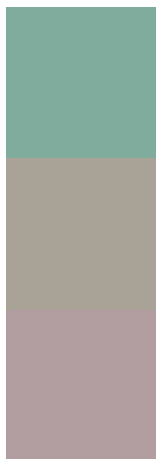


This preview shows how white text looks on a background with the XYZ color 29.5907, 36.4514,

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

29.5907, 36.4514, 37.3745

Protanopia

34.6547, 36.3999, 34.4775

Deuteranopia

36.7622, 36.1170, 38.2914



Tritanopia

31.9618, 36.2882, 49.5757

Trichromacy



Original Color

29.5907, 36.4514, 37.3745

Protanomaly

32.5229, 36.3446, 35.4381

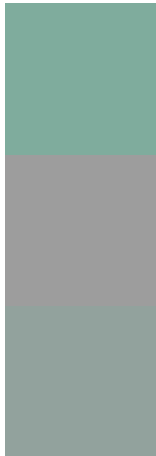
Deuteranomaly

33.4764, 35.7148, 37.9301

Tritanomaly

30.9367, 36.1389, 44.8801

Monochromacy



Original Color

29.5907, 36.4514, 37.3745

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.8602, 34.3860, 36.9089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5907, 36.4514, 37.3745 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(127, 172, 157)` looks like.

```
.text, #text, p{  
    color:rgb(127, 172, 157)  
}
```

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(127, 172, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 172, 157) }
```

Border

The CSS property to change the border of an element to XYZ 29.5907, 36.4514, 37.3745 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(127, 172, 157) }
```


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

```
.border{ border-color:rgb(127, 172, 157) }
```

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

Here you see how a box with a 4 pixel rgb(127, 172, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 172, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 172, 157);  
box-shadow:4px 4px 4px 4px rgb(127, 172,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5907, 36.4514, 37.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 172, 157) }
```

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

```
.background{ background-color: rgb(127,  
172, 157) }
```

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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