

Converting Colors

XYZ(29.5687, 37.6450, 34.9859)

Have a look what the booklet for
XYZ(29.5687, 37.6450, 34.9859)
contains.

XYZ(29.5687, 37.6450, 34.9859)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.5687, 37.6450,
34.9859)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB097
RGB	125, 176, 151
RGB Percent	49%, 69%, 59%
CMY	0.5098, 0.3098, 0.4078
CMYK	0.29, 0.00, 0.14, 0.31
HSL	151°, 24%, 59%
HSV	151°, 29%, 69%
XYZ	29.5687, 37.6450, 34.9859
YIQ	157.9010, -22.3710, -18.5870

Conversions

Conversions Part 2

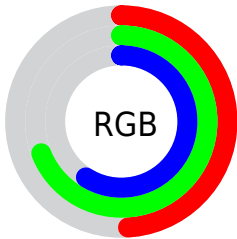
Format	Color
RYB	125, 159, 176
Decimal	8237207
CIELab	67.76, -22.23, 7.43
CIElCh	68, 23.440, 161.532
Yxy	37.6450, 0.2893, 0.3683
Android (android.graphics.Color)	4286427287 (0xFF7DB097)
YUV	157.9010, -3.4022, -28.8542
Hunter-Lab	61.3555, -21.3487, 9.1408

Details

The XYZ color **29.5687, 37.6450, 34.9859** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.7445, 26.1003, 32.2732**, and the grayscale version is **32.4775, 34.1689, 37.2099**.

A 20% lighter version of the original color is **58.4665, 71.7047, 68.5165**, and **12.2072, 16.5419, 14.6061** is the 20% darker color. If you saturate the color by 10%, you get **26.5484, 36.1670, 31.3201**, and if you desaturate by 10%, it is **33.0977, 39.3813, 38.9449**.

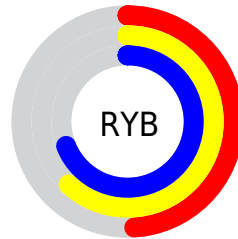
Distribution



Red (49%)

Green (69%)

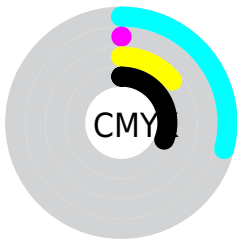
Blue (59%)



Red (49%)

Yellow (62%)

Blue (69%)

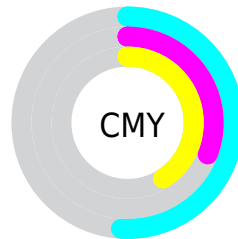


Cyan (29%)

Magenta (0%)

Yellow (14%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5687, 37.6450, 34.9859 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 29.5687, 37.6450, 34.9859 by changing the saturation by 10% instead.

■ 29.5687, 37.6450,
34.9859

■ 29.5687, 37.6450,
34.9859

291.8349,
336.0947, 339.4085

■ 19.6579, 25.7073,
23.3685

■ 58.3708, 71.5637,
68.6152

■ 12.2534, 16.6048,
14.6580

■ 77.9927, 94.3134,
91.4643

■ 6.9899, 9.9531,
8.4358

■ 101.5824,
121.4360, 118.8944

■ 3.5021, 5.3679,
4.2833

129.5053,
153.3158, 151.3240

■ 1.4245, 2.4647,
1.7820

162.1266,
190.3371, 189.1716

■ 0.2736, 0.8589,
0.4160

199.8117,

■ 0.0000, 0.0000,

232.8844, 232.8559

0.0000

242.9260,
281.3422, 282.7953

■ 29.5687, 37.6450,
34.9859

■ 29.5687, 37.6450,
34.9859

■ 26.5484, 36.1670,
31.3201

■ 33.0977, 39.3813,
38.9449

■ 24.0085, 34.9299,
27.9380

■ 37.1556, 41.3833,
43.2011

■ 21.9227, 33.9212,
24.8333

■ 41.7653, 43.6635,
47.7618

■ 20.2607, 33.1254,
21.9985

■ 46.9473, 46.2324,
52.6331

■ 18.9884, 32.5251,
19.4258

■ 52.7211, 49.1001,
57.8210

■ 18.0657, 32.0999,
17.1066

■ 59.1053, 52.2759,
63.3312

■ 17.4199, 31.8122,
15.0306

■ 66.1177, 55.7690,
69.1695

■ 17.3597, 31.7855,
14.8314

■ 69.6877, 57.4807,
75.1500

■ 70.8606, 57.9499,
81.3263

Harmonies

Analogous

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



31.3555, 37.6450, 27.7895



29.5687, 37.6450, 34.9859



29.3770, 37.6450, 45.1103

Triad

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



29.5687, 37.6450, 34.9859



37.1919, 37.6450, 63.8211



41.2553, 37.6450, 29.1280

Complementary

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



29.5687, 37.6450, 34.9859



30.7445, 26.1003, 32.2732

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.



43.0528, 37.6450, 37.1267



29.5687, 37.6450, 34.9859



40.6032, 37.6450, 57.8196

Square

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



29.5687, 37.6450, 34.9859



33.6179, 37.6450, 62.9853



42.8064, 37.6450, 47.6423



38.0338, 37.6450, 24.8222

Rectangle

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



29.5687, 37.6450, 34.9859



30.1628, 37.6450, 52.3388



42.8064, 37.6450, 47.6423



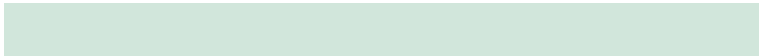
42.0556, 37.6450, 31.4115

Sweetspot

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



29.5697, 37.6466, 34.9867



67.2441, 74.9827, 78.2056



31.8982, 39.0646, 25.2616



14.3330, 16.1315, 16.7030



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.



29.5697, 37.6466, 34.9867



49.8920, 66.4448, 58.9813



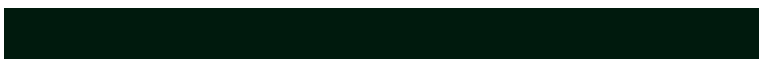
31.8205, 38.5469, 46.8393



8.5637, 9.5600, 9.9622



12.7662, 23.3325, 11.0378



0.4311, 0.7459, 0.5020

Inverse Universe

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



30.7445, 26.1003, 32.2732



52.3848, 41.9454, 53.2248



28.9409, 25.3789, 22.7759



8.6642, 8.5724, 9.7300



14.4070, 7.2804, 7.3032



0.4828, 0.2409, 0.3851

Previews

White Background



This preview shows how the XYZ color 29.5687, 37.6450, 34.9859 looks on a white background.

Color Contrast Check

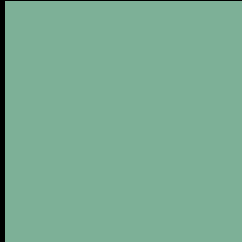
Large Text (above 18pt) WCAG AA × Fail

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 29.5687, 37.6450, 34.9859 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

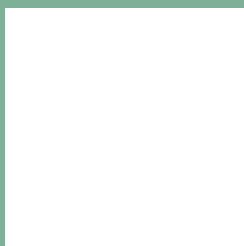
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5687, 37.6450, 34.9859

Background



This preview shows how black text looks on a background with the XYZ color 29.5687, 37.6450, 34.9859.



This preview shows how white text looks on a background with the XYZ color 29.5687, 37.6450,

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

29.5687, 37.6450, 34.9859

Protanopia

35.3996, 37.3659, 32.1346

Deuteranopia

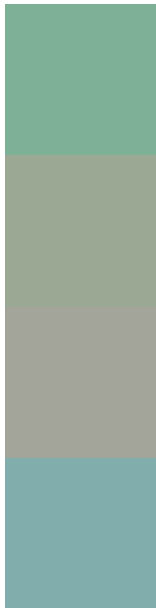
38.0817, 37.3532, 36.2131



Tritanopia

32.8356, 37.5341, 51.4131

Trichromacy



Original Color

29.5687, 37.6450, 34.9859

Protanomaly

32.7867, 37.0804, 33.0330

Deuteranomaly

34.3921, 37.0299, 35.9067

Tritanomaly

31.5397, 37.5714, 45.1249

Monochromacy



Original Color

29.5687, 37.6450, 34.9859

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.2256, 35.3878, 36.1951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5687, 37.6450, 34.9859 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(125, 176, 151)` looks like.

```
.text, #text, p{  
    color:rgb(125, 176, 151)  
}
```

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(125, 176, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 176, 151) }
```

Border

The CSS property to change the border of an element to XYZ 29.5687, 37.6450, 34.9859 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(125, 176, 151) }
```


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

```
.border{ border-color:rgb(125, 176, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 176, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 176, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 176, 151);  
box-shadow:4px 4px 4px 4px rgb(125, 176,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5687, 37.6450, 34.9859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 176, 151) }
```

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

```
.background{ background-color: rgb(125,  
176, 151) }
```

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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