

Converting Colors

XYZ(30.4759, 37.0156, 39.8935)

Have a look what the booklet for
XYZ(30.4759, 37.0156, 39.8935)
contains.

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Color

**XYZ(30.5184, 37.1629,
39.7471)**

Conversions

Conversions Part 1

Format	Color
Hex	81ADA2
RGB	129, 173, 162
RGB Percent	51%, 68%, 64%
CMY	0.4941, 0.3216, 0.3647
CMYK	0.25, 0.00, 0.06, 0.32
HSL	165°, 21%, 59%
HSV	165°, 25%, 68%
XYZ	30.5184, 37.1629, 39.7471
YIQ	158.5900, -22.6930, -12.7490

Conversions

Conversions Part 2

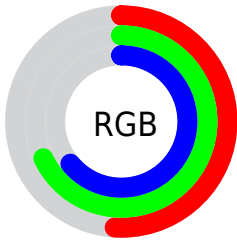
Format	Color
RYB	129, 154, 173
Decimal	8498594
CIELab	67.40, -17.10, 0.85
CIELCh	67, 17.118, 177.139
Yxy	37.1629, 0.2841, 0.3459
Android (android.graphics.Color)	4286688674 (0xFF81ADA2)
YUV	158.5900, 1.6811, -25.9504
Hunter-Lab	60.9614, -17.3220, 4.0156

Details

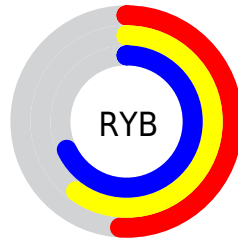
The XYZ color **30.5184, 37.1629, 39.7471** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.8187, 26.4791, 28.3518**, and the grayscale version is **32.7684, 34.4749, 37.5431**.

A 20% lighter version of the original color is **60.0721, 71.1157, 76.2062**, and **12.7937, 16.4202, 17.2470** is the 20% darker color. If you saturate the color by 10%, you get **27.7320, 35.7711, 37.6444**, and if you desaturate by 10%, it is **33.7650, 38.7924, 41.9420**.

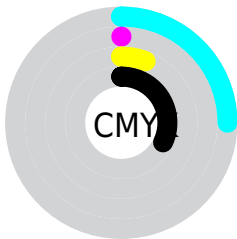
Distribution



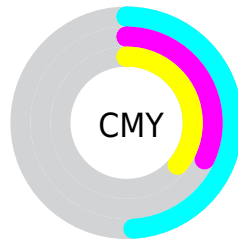
- Red (51%)
- Green (68%)
- Blue (64%)



- Red (51%)
- Yellow (60%)
- Blue (68%)



- Cyan (25%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)



- Cyan (49%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5184, 37.1629, 39.7471 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 30.5184, 37.1629, 39.7471 by changing the saturation by 10% instead.

■ 30.5184, 37.1629,
39.7471

■ 30.5184, 37.1629,
39.7471

296.1801,
334.0152, 360.5768

■ 20.3824, 25.3336,
27.0291

■ 59.8621, 70.8233,
76.0111

■ 12.7832, 16.3258,
17.3625

■ 79.8004, 93.4231,
100.3943

■ 7.3554, 9.7550,
10.3286

■ 103.7370,
120.3820, 129.5029

■ 3.7336, 5.2368,
5.5089

132.0371,
152.0843, 163.7555

■ 1.5526, 2.3869,
2.4849

165.0661,
188.9144, 203.5706

■ 0.3612, 0.8191,
0.8322

203.1894,

■ 0.0000, 0.0000,

231.2566, 249.3669

0.0000

246.7722,
279.4955, 301.5628

■ 30.5184, 37.1629,
39.7471

■ 30.5184, 37.1629,
39.7471

■ 27.7320, 35.7711,
37.6444

■ 33.7650, 38.7924,
41.9420

■ 25.3803, 34.6009,
35.6296

■ 37.4898, 40.6658,
44.2282

■ 23.4397, 33.6412,
33.7018

■ 41.7132, 42.7948,
46.6081

■ 21.8833, 32.8780,
31.8590

■ 46.4540, 45.1889,
49.0833

■ 20.6808, 32.2958,
30.0989

■ 51.7296, 47.8571,
51.6553

■ 19.7973, 31.8766,
28.4193

■ 57.5568, 50.8081,
54.3254

■ 19.1889, 31.5978,
26.8174

■ 63.9516, 54.0500,
57.0950

■ 18.9565, 31.4934,
26.1095

■ 66.2174, 55.1617,
59.7450

■ 66.7190, 55.3624,
62.3867

Harmonies

Analogous

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



31.2509, 37.1629, 33.1184



30.5184, 37.1629, 39.7471



31.0194, 37.1629, 47.4206

Triad

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



30.5184, 37.1629, 39.7471



37.6743, 37.1629, 54.7349



38.1315, 37.1629, 29.4985

Complementary

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



30.5184, 37.1629, 39.7471



29.8187, 26.4791, 28.3518

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.



40.0056, 37.1629, 34.2235



30.5184, 37.1629, 39.7471



39.7326, 37.1629, 48.8228

Square

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



30.5184, 37.1629, 39.7471



35.0710, 37.1629, 56.6815



40.6054, 37.1629, 41.1896



35.5747, 37.1629, 27.6788

Rectangle

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



30.5184, 37.1629, 39.7471



31.9998, 37.1629, 52.0083



40.6054, 37.1629, 41.1896



38.8670, 37.1629, 30.7686

Sweetspot

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



30.5195, 37.1644, 39.7479



65.2480, 71.8752, 78.0829



29.8464, 37.1131, 26.3599



13.9625, 15.5107, 16.8376



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.



30.5195, 37.1644, 39.7479



51.5127, 64.9842, 68.8637



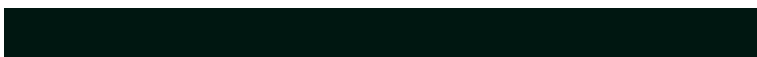
29.6471, 33.7854, 44.4956



8.1495, 9.0373, 9.8121



13.9495, 23.1451, 19.3054



0.4082, 0.6519, 0.6434

Inverse Universe

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



29.8187, 26.4791, 28.3518



50.0271, 42.2868, 44.6710



30.4685, 29.0128, 24.7636



8.0843, 8.0470, 8.7549



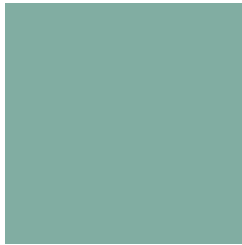
13.0044, 6.6643, 2.4025



0.3836, 0.1941, 0.1820

Previews

White Background



This preview shows how the XYZ color 30.5184, 37.1629, 39.7471 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 30.5184, 37.1629, 39.7471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

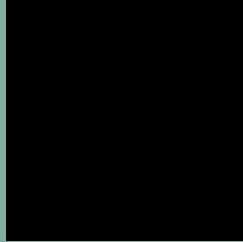
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.5184, 37.1629, 39.7471

Background



This preview shows how black text looks on a background with the XYZ color 30.5184, 37.1629, 39.7471.



This preview shows how white text looks on a background with the XYZ color 30.5184, 37.1629,

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

30.5184, 37.1629, 39.7471

Protanopia

35.2464, 36.9195, 36.7210

Deuteranopia

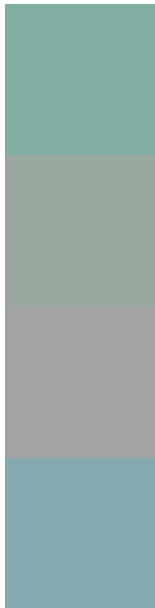
37.6088, 36.7540, 40.7094



Tritanopia

32.5948, 37.1549, 50.2534

Trichromacy



Original Color

30.5184, 37.1629, 39.7471

Protanomaly

33.3167, 36.9761, 37.7289

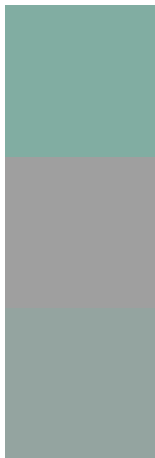
Deuteranomaly

34.4960, 36.4518, 40.3397

Tritanomaly

31.8165, 37.1265, 46.0467

Monochromacy



Original Color

30.5184, 37.1629, 39.7471

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.8334, 35.3849, 38.4099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5184, 37.1629, 39.7471 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(129, 173, 162)` looks like.

```
.text, #text, p{  
    color:rgb(129, 173, 162)  
}
```

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(129, 173, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 173, 162) }
```

Border

The CSS property to change the border of an element to XYZ 30.5184, 37.1629, 39.7471 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(129, 173, 162) }
```


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

```
.border{ border-color:rgb(129, 173, 162) }
```

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

Here you see how a box with a 4 pixel rgb(129, 173, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 173, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 173, 162);  
box-shadow:4px 4px 4px 4px rgb(129, 173,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5184, 37.1629, 39.7471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 173, 162) }
```

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

```
.background{ background-color: rgb(129,  
173, 162) }
```

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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