

Converting Colors

XYZ(30.4135, 37.8257, 35.6608)

Have a look what the booklet for
XYZ(30.4135, 37.8257, 35.6608)
contains.

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Color

**XYZ(30.4398, 37.7851,
35.8259)**

Conversions

Conversions Part 1

Format	Color
Hex	83AF99
RGB	131, 175, 153
RGB Percent	51%, 69%, 60%
CMY	0.4863, 0.3137, 0.4000
CMYK	0.25, 0.00, 0.13, 0.31
HSL	150°, 22%, 60%
HSV	150°, 25%, 69%
XYZ	30.4398, 37.7851, 35.8259
YIQ	159.3360, -19.1620, -16.1700

Conversions

Conversions Part 2

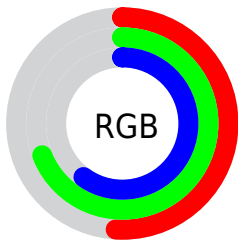
Format	Color
RYB	131, 160, 175
Decimal	8630169
CIELab	67.86, -19.39, 6.52
CIElCh	68, 20.452, 161.420
Yxy	37.7851, 0.2925, 0.3631
Android (android.graphics.Color)	4286820249 (0xFF83AF99)
YUV	159.3360, -3.1236, -24.8507
Hunter-Lab	61.4696, -19.1784, 8.4731

Details

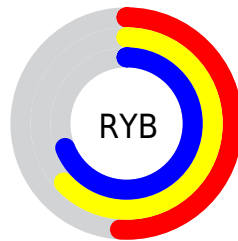
The XYZ color **30.4398, 37.7851, 35.8259** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.5466, 27.6474, 33.8124**, and the grayscale version is **33.1294, 34.8547, 37.9568**.

A 20% lighter version of the original color is **59.8460, 71.9711, 69.7691**, and **12.6661, 16.5838, 15.1038** is the 20% darker color. If you saturate the color by 10%, you get **27.2586, 36.2266, 32.0419**, and if you desaturate by 10%, it is **34.1339, 39.6039, 39.9122**.

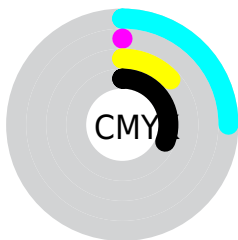
Distribution



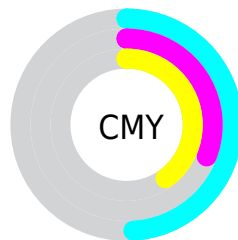
- Red (51%)
- Green (69%)
- Blue (60%)



- Red (51%)
- Yellow (63%)
- Blue (69%)



- Cyan (25%)
- Magenta (0%)
- Yellow (13%)
- Black (31%)





- Cyan (49%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4398, 37.7851, 35.8259 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 30.4398, 37.7851, 35.8259 by changing the saturation by 10% instead.


 30.4398, 37.7851,
35.8259


 30.4398, 37.7851,
35.8259


295.8223,
336.6972, 343.2133


 20.3224, 25.8159,
24.0111


 59.7389, 71.7786,
69.9293

 12.7392, 16.6860,
15.1296


 79.6512, 94.5718,
93.0550

 7.3250, 10.0109,
8.7628


 103.5593,
121.7418, 120.7881

 3.7143, 5.4062,
4.4921

131.8284,
153.6729, 153.5471

 1.5418, 2.4875,
1.8990

164.8239,
190.7496, 191.7506

 0.3540, 0.8704,
0.4921

202.9111,

 0.0000, 0.0000,

233.3563, 235.8171

0.0000

246.4555,
281.8774, 286.1652

■ 30.4398, 37.7851,
35.8259

■ 30.4398, 37.7851,
35.8259

■ 27.2586, 36.2266,
32.0419

■ 34.1339, 39.6039,
39.9122

■ 24.5631, 34.9115,
28.5507

■ 38.3604, 41.6899,
44.3051

■ 22.3282, 33.8280,
25.3458

■ 43.1412, 44.0553,
49.0120

■ 20.5251, 32.9614,
22.4196

■ 48.4963, 46.7102,
54.0391

■ 19.1217, 32.2952,
19.7640

■ 54.4448, 49.6644,
59.3926

■ 18.0811, 31.8107,
17.3704

■ 61.0045, 52.9270,
65.0785

■ 17.3578, 31.4844,
15.2296

■ 68.1927, 56.5068,
71.1025

■ 17.0713, 31.3576,
14.2766

■ 69.8908, 57.2494,
77.1831

■ 71.1016, 57.7337,
83.5593

Harmonies

Analogous

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



32.0298, 37.7851, 29.3896



30.4398, 37.7851, 35.8259



30.2637, 37.7851, 44.6960

Triad

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



30.4398, 37.7851, 35.8259



37.1342, 37.7851, 60.7362



40.6814, 37.7851, 30.6388

Complementary

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



30.4398, 37.7851, 35.8259



31.5466, 27.6474, 33.8124

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.



42.2263, 37.7851, 37.7807



30.4398, 37.7851, 35.8259



40.0993, 37.7851, 55.6707

Square

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



30.4398, 37.7851, 35.8259



34.0061, 37.7851, 60.0076



42.0072, 37.7851, 46.9586



37.8911, 37.7851, 26.7129

Rectangle

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



30.4398, 37.7851, 35.8259



30.9587, 37.7851, 50.9302



42.0072, 37.7851, 46.9586



41.3708, 37.7851, 32.6951

Sweetspot

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



30.4408, 37.7867, 35.8267



66.3297, 73.4913, 76.9309



32.7037, 39.1442, 27.3052



14.4884, 16.2088, 16.8364



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.



30.4408, 37.7867, 35.8267



51.3419, 66.1140, 60.4523



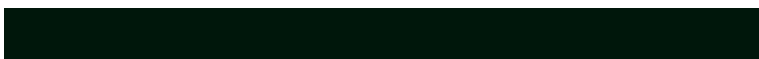
32.3573, 38.5533, 45.9187



8.0652, 9.0036, 9.3684



12.2559, 22.4676, 10.3871



0.3686, 0.6361, 0.4346

Inverse Universe

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



31.5466, 27.6474, 33.8124



53.6532, 44.9188, 56.2414



29.9432, 27.0061, 25.3693



8.1660, 8.0796, 9.1848



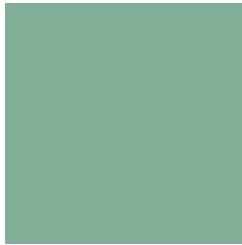
13.9385, 7.0379, 7.3216



0.4154, 0.2068, 0.3493

Previews

White Background



This preview shows how the XYZ color 30.4398, 37.7851, 35.8259 looks on a white background.

Color Contrast Check

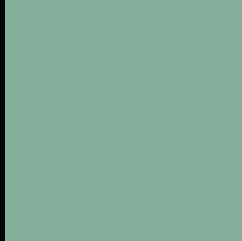
Large Text (above 18pt) WCAG AA × Fail

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 30.4398, 37.7851, 35.8259 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

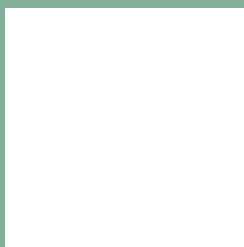
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4398, 37.7851, 35.8259

Background



This preview shows how black text looks on a background with the XYZ color 30.4398, 37.7851, 35.8259.



This preview shows how white text looks on a background with the XYZ color 30.4398, 37.7851,

35.8259.

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

30.4398, 37.7851, 35.8259

Protanopia

35.5552, 37.4282, 32.9542

Deuteranopia

38.1661, 37.3869, 36.6573



Tritanopia

33.5312, 37.9049, 50.8965

Trichromacy



Original Color

30.4398, 37.7851, 35.8259

Protanomaly

33.3321, 37.3433, 33.8850

Deuteranomaly

34.8886, 37.2762, 36.3665

Tritanomaly

32.2870, 37.6731, 45.1051

Monochromacy



Original Color

30.4398, 37.7851, 35.8259

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.9354, 35.7341, 37.1125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4398, 37.7851, 35.8259 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(131, 175, 153)` looks like.

```
.text, #text, p{  
    color:rgb(131, 175, 153)  
}
```

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(131, 175, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 175, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.4398, 37.7851, 35.8259 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(131, 175, 153) }
```


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

```
.border{ border-color:rgb(131, 175, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 175, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 175, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 175, 153);  
box-shadow:4px 4px 4px 4px rgb(131, 175,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4398, 37.7851, 35.8259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 175, 153) }
```

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

```
.background{ background-color: rgb(131,  
175, 153) }
```

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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