

Converting Colors

XYZ(30.4131, 37.3080, 35.9087)

Have a look what the booklet for
XYZ(30.4131, 37.3080, 35.9087)
contains.

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Color

**XYZ(30.3662, 37.1736,
35.7117)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 85AD99 |
| RGB | 133, 173, 153 |
| RGB Percent | 52%, 68%, 60% |
| CMY | 0.4784, 0.3216, 0.4000 |
| CMYK | 0.23, 0.00, 0.12, 0.32 |
| HSL | 150°, 20%, 60% |
| HSV | 150°, 23%, 68% |
| XYZ | 30.3662, 37.1736, 35.7117 |
| YIQ | 158.7600, -17.4200, -14.7000 |

Conversions

Conversions Part 2

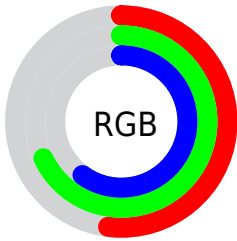
| Format | Color |
|-------------------------------------|---|
| RYB | 133, 160, 173 |
| Decimal | 8760729 |
| CIELab | 67.41, -17.70, 5.88 |
| CIELCh | 67, 18.652, 161.627 |
| Yxy | 37.1736, 0.2941, 0.3600 |
| Android (android.graphics.Color) | 4286950809 (0xFF85AD99) |
| YUV | 158.7600, -2.8397, -22.5915 |
| Hunter-Lab | 60.9702, -17.7958, 7.9515 |

Details

The XYZ color **30.3662, 37.1736, 35.7117** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.3722, 27.9601, 33.8820**, and the grayscale version is **32.8641, 34.5756, 37.6528**.

A 20% lighter version of the original color is **59.7753, 71.1084, 69.6063**, and **12.7153, 16.4279, 15.0711** is the 20% darker color. If you saturate the color by 10%, you get **27.1679, 35.6054, 31.9669**, and if you desaturate by 10%, it is **34.0682, 38.9975, 39.7521**.

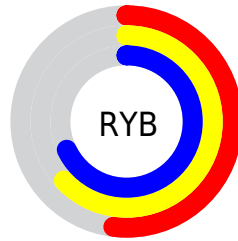
Distribution



Red (52%)

Green (68%)

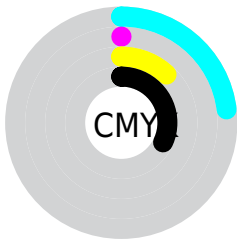
Blue (60%)



Red (52%)

Yellow (63%)

Blue (68%)

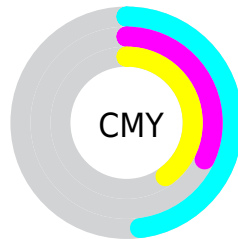


Cyan (23%)

Magenta (0%)

Yellow (12%)

Black (32%)



Cyan (48%)

Magenta (32%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3662, 37.1736, 35.7117 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 30.3662, 37.1736, 35.7117 by changing the saturation by 10% instead.

■ 30.3662, 37.1736,
35.7117

■ 30.3662, 37.1736,
35.7117

295.4870,
334.0615, 342.6979

■ 20.2662, 25.3419,
23.9237

■ 59.6235, 70.8397,
69.7509

■ 12.6981, 16.3320,
15.0653

■ 79.5114, 93.4429,
92.8391

■ 7.2965, 9.7594,
8.7181

■ 103.3927,
120.4055, 120.5312

■ 3.6962, 5.2397,
4.4635

131.6328,
152.1117, 153.2456

■ 1.5317, 2.3886,
1.8829

164.5968,
188.9460, 191.4010

■ 0.3473, 0.8200,
0.4818

202.6503,

■ 0.0000, 0.0000,

231.2928, 235.4158

0.0000

246.1586,
279.5365, 285.7086

■ 30.3662, 37.1736,
35.7117

■ 30.3662, 37.1736,
35.7117

■ 27.1679, 35.6054,
31.9669

■ 34.0682, 38.9975,
39.7521

■ 24.4472, 34.2766,
28.5084

■ 38.2925, 41.0835,
44.0922

■ 22.1802, 33.1759,
25.3300

■ 43.0603, 43.4435,
48.7391

■ 20.3394, 32.2893,
22.4244

■ 48.3908, 46.0872,
53.6988

■ 18.8944, 31.6013,
19.7837

■ 54.3022, 49.0239,
58.9773

■ 17.8103, 31.0941,
17.3999

■ 60.8118, 52.2625,
64.5805

■ 17.0458, 30.7465,
15.2640

■ 67.9364, 55.8114,
70.5137

■ 16.6441, 30.5685,
13.9324

■ 69.3969, 56.4336,
76.4880

■ 70.5880, 56.9100,
82.7604

Harmonies

Analogous

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



31.8038, 37.1736, 29.8077



30.3662, 37.1736, 35.7117



30.2151, 37.1736, 43.7336

Triad

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



30.3662, 37.1736, 35.7117



36.4524, 37.1736, 57.9448



39.6045, 37.1736, 30.8892

Complementary

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



30.3662, 37.1736, 35.7117



31.3722, 27.9601, 33.8820

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.



40.9972, 37.1736, 37.3838



30.3662, 37.1736, 35.7117



39.1128, 37.1736, 53.4264

Square

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



30.3662, 37.1736, 35.7117



33.6272, 37.1736, 57.3377



40.8125, 37.1736, 45.6457



37.0943, 37.1736, 27.2934

Rectangle

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



30.3662, 37.1736, 35.7117



30.8537, 37.1736, 49.3091



40.8125, 37.1736, 45.6457



40.2248, 37.1736, 32.7659

Sweetspot

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



30.3672, 37.1751, 35.7125



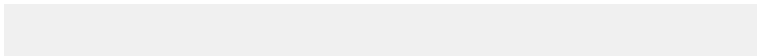
65.4360, 72.0231, 75.7891



32.4416, 38.4196, 27.8967



14.1270, 15.6059, 16.3747



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.



30.3672, 37.1751, 35.7125



51.1996, 65.0122, 60.2917



32.0962, 37.8667, 44.8170



8.0652, 9.0036, 9.3684



12.2558, 22.4676, 10.3869



0.3686, 0.6361, 0.4345

Inverse Universe

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



31.3722, 27.9601, 33.8820



53.3330, 45.4496, 56.4056



29.9021, 27.3721, 26.1404



8.1660, 8.0796, 9.1848



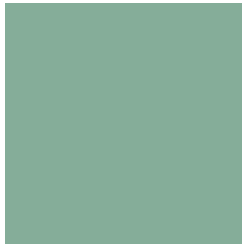
13.9385, 7.0380, 7.3217



0.4154, 0.2068, 0.3493

Previews

White Background



This preview shows how the XYZ color 30.3662, 37.1736, 35.7117 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 30.3662, 37.1736, 35.7117 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 30.3662, 37.1736, 35.7117

Background



This preview shows how black text looks on a background with the XYZ color 30.3662, 37.1736, 35.7117.

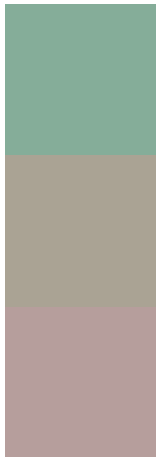


This preview shows how white text looks on a background with the XYZ color 30.3662, 37.1736,

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

30.3662, 37.1736, 35.7117

Protanopia

35.0201, 36.8786, 33.2895

Deuteranopia

37.5190, 36.7991, 36.5780



Tritanopia

33.2789, 37.2423, 49.6905

Trichromacy



Original Color

30.3662, 37.1736, 35.7117

Protanomaly

33.2284, 37.0075, 34.2460

Deuteranomaly

34.3234, 36.4535, 36.2375

Tritanomaly

32.0419, 37.0081, 43.9826

Monochromacy



Original Color

30.3662, 37.1736, 35.7117

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.9389, 35.4693, 37.0612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3662, 37.1736, 35.7117 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(133, 173, 153)` looks like.

```
.text, #text, p{  
    color:rgb(133, 173, 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(133, 173, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 173, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.3662, 37.1736, 35.7117 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(133, 173, 153) }
```


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

```
.border{ border-color:rgb(133, 173, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 173, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 173, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 173, 153);  
box-shadow:4px 4px 4px 4px rgb(133, 173,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3662, 37.1736, 35.7117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 173, 153) }
```

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

```
.background{ background-color: rgb(133,  
173, 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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