

Converting Colors

XYZ(30.6451, 34.3391, 37.3446)

Have a look what the booklet for
XYZ(30.6451, 34.3391, 37.3446)
contains.

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Color

**XYZ(30.5935, 34.2386,
37.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	90A29E
RGB	144, 162, 158
RGB Percent	56%, 64%, 62%
CMY	0.4353, 0.3647, 0.3804
CMYK	0.11, 0.00, 0.02, 0.36
HSL	167°, 9%, 60%
HSV	167°, 11%, 64%
XYZ	30.5935, 34.2386, 37.3440
YIQ	156.1620, -9.4440, -5.0600

Conversions

Conversions Part 2

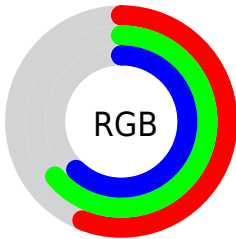
Format	Color
RYB	144, 154, 162
Decimal	9478814
CIELab	65.15, -7.13, -0.08
CIELCh	65, 7.129, 180.643
Yxy	34.2386, 0.2994, 0.3351
Android (android.graphics.Color)	4287668894 (0xFF90A29E)
YUV	156.1620, 0.9061, -10.6661
Hunter-Lab	58.5138, -9.0716, 3.1202

Details

The XYZ color **30.5935, 34.2386, 37.3440** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2201, 29.7669, 32.1714**, and the grayscale version is **31.6721, 33.3216, 36.2872**.

A 20% lighter version of the original color is **60.1118, 66.4356, 72.6059**, and **12.8459, 14.5931, 16.0496** is the 20% darker color. If you saturate the color by 10%, you get **27.6592, 32.7622, 35.6124**, and if you desaturate by 10%, it is **33.9449, 35.9309, 39.1440**.

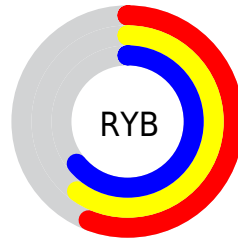
Distribution



Red (56%)

Green (64%)

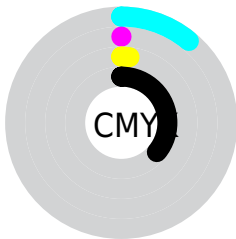
Blue (62%)



Red (56%)

Yellow (60%)

Blue (64%)

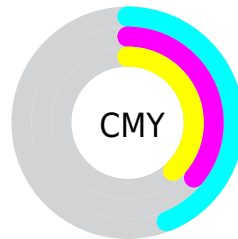


Cyan (11%)

Magenta (0%)

Yellow (2%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5935, 34.2386, 37.3440 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 30.5935, 34.2386, 37.3440 by changing the saturation by 10% instead.

■ 30.5935, 34.2386,
37.3440

■ 30.5935, 34.2386,
37.3440

296.5216,
321.1947, 350.0109

■ 20.4398, 23.0770,
25.1761

■ 59.9797, 66.3045,
72.2938

■ 12.8253, 14.6503,
15.9881

■ 79.9430, 87.9776,
95.9127

■ 7.3845, 8.5744,
9.3614

103.9068,
113.9233, 124.1857

■ 3.7522, 4.4646,
4.8777

132.2365,
144.5260, 157.5313

■ 1.5629, 1.9367,
2.1182

165.2975,
180.1701, 196.3681

■ 0.3680, 0.5703,
0.6266

203.4551,

■ 0.0000, 0.0000,

221.2400, 241.1146

0.0000

247.0747,
268.1200, 292.1894

■ 30.5935, 34.2386,
37.3440

■ 30.5935, 34.2386,
37.3440

■ 27.6592, 32.7622,
35.6124

■ 33.9449, 35.9309,
39.1440

■ 25.1218, 31.4884,
33.9457

■ 37.7267, 37.8431,
41.0112

■ 22.9638, 30.4091,
32.3435

■ 41.9554, 39.9846,
42.9476

■ 21.1651, 29.5140,
30.8042

■ 46.6454, 42.3628,
44.9542

■ 19.7039, 28.7919,
29.3266

■ 51.8108, 44.9850,
47.0321

■ 18.5557, 28.2302,
27.9090

■ 57.4649, 47.8581,
49.1822

■ 17.6930, 27.8147,
26.5498

■ 62.7306, 50.5298,
51.3639

■ 17.0831, 27.5285,
25.2469

■ 63.1110, 50.6820,
53.3670

■ 16.6859, 27.3479,
24.1327

■ 63.5010, 50.8380,
55.4211

Harmonies

Analogous

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



30.8392, 34.2386, 34.5557



30.5935, 34.2386, 37.3440



30.8608, 34.2386, 40.2604

Triad

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



30.5935, 34.2386, 37.3440



33.5674, 34.2386, 42.4006



33.5280, 34.2386, 32.5308

Complementary

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



30.5935, 34.2386, 37.3440



30.2201, 29.7669, 32.1714

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.



34.2848, 34.2386, 34.4505



30.5935, 34.2386, 37.3440



34.3079, 34.2386, 40.1439

Square

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



30.5935, 34.2386, 37.3440



32.5651, 34.2386, 43.2731



34.5731, 34.2386, 37.2161



32.5204, 34.2386, 31.8675

Rectangle

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



30.5935, 34.2386, 37.3440



31.2973, 34.2386, 41.8618



34.5731, 34.2386, 37.2161



33.8209, 34.2386, 33.0454

Sweetspot

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



30.5945, 34.2400, 37.3448



60.3785, 64.5991, 70.4151



30.2044, 34.1704, 31.3897



13.4498, 14.4526, 15.7567



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.5945, 34.2400, 37.3448



54.3396, 61.5528, 67.1121



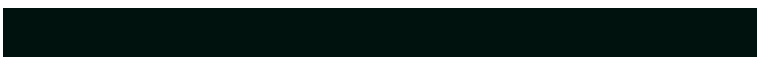
30.1151, 32.7209, 38.9127



7.2084, 7.9842, 8.7092



13.1615, 21.5509, 19.0988



0.2923, 0.4592, 0.4845

Inverse Universe

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



30.2201, 29.7669, 32.1714



53.5412, 52.0112, 56.0775



30.6513, 31.1277, 30.7789



7.1353, 7.1106, 7.6987



12.0039, 6.1576, 1.9450



0.2684, 0.1359, 0.1260

Previews

White Background



This preview shows how the XYZ color 30.5935, 34.2386, 37.3440 looks on a white background.

Color Contrast Check

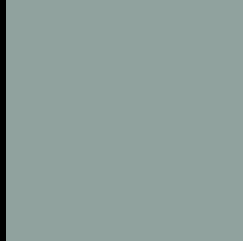
Large Text (above 18pt) WCAG AA × Fail

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 30.5935, 34.2386, 37.3440 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

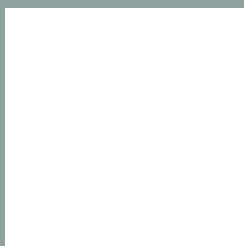
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5935, 34.2386, 37.3440

Background



This preview shows how black text looks on a background with the XYZ color 30.5935, 34.2386, 37.3440.



This preview shows how white text looks on a background with the XYZ color 30.5935, 34.2386,

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

30.5935, 34.2386, 37.3440

Protanopia

32.6713, 34.0576, 35.8622

Deuteranopia

34.7497, 34.0912, 38.0065



Tritanopia

32.0498, 34.3232, 43.9656

Trichromacy



Original Color

30.5935, 34.2386, 37.3440

Protanomaly

31.9165, 34.1651, 36.3648

Deuteranomaly

33.0468, 33.9615, 37.6144

Tritanomaly

31.5740, 34.3908, 41.5332

Monochromacy



Original Color

30.5935, 34.2386, 37.3440

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.2616, 33.5634, 36.7290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5935, 34.2386, 37.3440 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(144, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(144, 162, 158)  
}
```

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(144, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 162, 158) }
```

Border

The CSS property to change the border of an element to XYZ 30.5935, 34.2386, 37.3440 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(144, 162, 158) }
```


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

```
.border{ border-color:rgb(144, 162, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(144, 162,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5935, 34.2386, 37.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 162, 158) }
```

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

```
.background{ background-color: rgb(144,  
162, 158) }
```

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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