

Converting Colors

XYZ(30.1192, 35.3627, 34.8757)

Have a look what the booklet for
XYZ(30.1192, 35.3627, 34.8757)
contains.

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Color

**XYZ(30.1337, 35.3934,
34.9492)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA798
RGB	139, 167, 152
RGB Percent	55%, 65%, 60%
CMY	0.4549, 0.3451, 0.4039
CMYK	0.17, 0.00, 0.09, 0.35
HSL	148°, 14%, 60%
HSV	148°, 17%, 65%
XYZ	30.1337, 35.3934, 34.9492
YIQ	156.9180, -11.8730, -10.6010

Conversions

Conversions Part 2

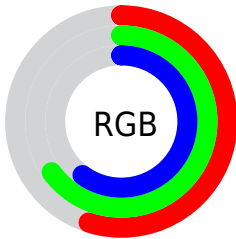
Format	Color
RYB	139, 158, 167
Decimal	9152408
CIELab	66.05, -12.74, 4.53
CIELCh	66, 13.526, 160.412
Yxy	35.3934, 0.2999, 0.3523
Android (android.graphics.Color)	4287342488 (0xFF8BA798)
YUV	156.9180, -2.4246, -15.7141
Hunter-Lab	59.4924, -13.6989, 6.8143

Details

The XYZ color **30.1337, 35.3934, 34.9492** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.0030, 29.0147, 34.5398**, and the grayscale version is **32.0261, 33.6940, 36.6928**.

A 20% lighter version of the original color is **59.2542, 68.0362, 68.4018**, and **12.5995, 15.3249, 14.6059** is the 20% darker color. If you saturate the color by 10%, you get **26.8501, 33.7832, 31.1138**, and if you desaturate by 10%, it is **33.9005, 37.2484, 39.0974**.

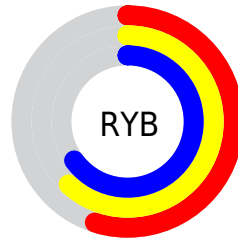
Distribution



Red (55%)

Green (65%)

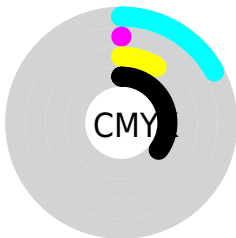
Blue (60%)



Red (55%)

Yellow (62%)

Blue (65%)

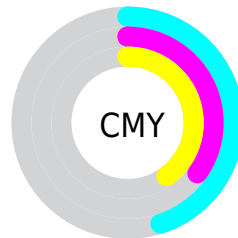


Cyan (17%)

Magenta (0%)

Yellow (9%)

Black (35%)



Cyan (45%)


Magenta (35%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1337, 35.3934, 34.9492 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 30.1337, 35.3934, 34.9492 by changing the saturation by 10% instead.


 30.1337, 35.3934,
34.9492


 30.1337, 35.3934,
34.9492

294.4258,
326.3014, 339.2415


 20.0887, 23.9661,
23.3405


 59.2587, 68.0948,
68.5577

 12.5682, 15.3085,
14.6375


 79.0694, 90.1376,
91.3947

 7.2068, 9.0362,
8.4216


 102.8661,
116.4877, 118.8114

 3.6392, 4.7648,
4.2742

131.0140,
147.5295, 151.2265

 1.5001, 2.1099,
1.7770

163.8786,
183.6474, 189.0586

 0.3259, 0.6702,
0.4127

201.8252,

 0.0000, 0.0000,

225.2257, 232.7260

0.0000

245.2192,
272.6489, 282.6475

■ 30.1337, 35.3934,
34.9492

■ 30.1337, 35.3934,
34.9492

■ 26.8501, 33.7832,
31.1138

■ 33.9005, 37.2484,
39.0974

■ 24.0264, 32.4027,
27.5814

■ 38.1669, 39.3533,
43.5629

■ 21.6415, 31.2424,
24.3453

■ 42.9519, 41.7190,
48.3535

■ 19.6716, 30.2901,
21.3976

■ 48.2728, 44.3542,
53.4755

■ 18.0903, 29.5323,
18.7300

■ 54.1460, 47.2671,
58.9355

■ 16.8681, 28.9540,
16.3338

■ 60.5871, 50.4659,
64.7396

■ 15.9712, 28.5380,
14.1996

■ 67.2779, 53.7862,
70.8783

■ 15.3506, 28.2591,
12.3172

■ 68.4569, 54.2578,
77.0870

■ 15.1778, 28.1821,
11.7596

■ 69.6998, 54.7549,
83.6319

Harmonies

Analogous

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



31.1999, 35.3934, 30.7192



30.1337, 35.3934, 34.9492



29.9854, 35.3934, 40.5696

Triad

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



30.1337, 35.3934, 34.9492



34.3427, 35.3934, 50.4629



36.6654, 35.3934, 31.8068

Complementary

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



30.1337, 35.3934, 34.9492



31.0030, 29.0147, 34.5398

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.



37.5808, 35.3934, 36.5742



30.1337, 35.3934, 34.9492



36.2049, 35.3934, 47.5809

Square

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



30.1337, 35.3934, 34.9492



32.3630, 35.3934, 49.9170



37.4090, 35.3934, 42.3631



34.9510, 35.3934, 29.0337

Rectangle

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



30.1337, 35.3934, 34.9492



30.4205, 35.3934, 44.4078



37.4090, 35.3934, 42.3631



37.0798, 35.3934, 33.2086

Sweetspot

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



30.1347, 35.3949, 34.9500



61.9286, 67.3065, 71.3186



31.8829, 36.4125, 29.7745



13.7479, 15.0075, 15.8420



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.1347, 35.3949, 34.9500



51.7550, 62.3006, 60.0572



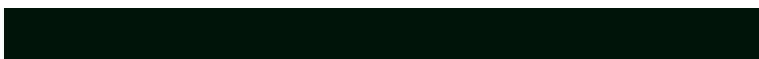
31.3137, 35.8665, 41.1585



7.5762, 8.4635, 8.7545



11.6379, 21.5739, 9.1262



0.3092, 0.5353, 0.3590

Inverse Universe

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



31.0030, 29.0147, 34.5398



53.5965, 48.7683, 59.1866



29.9332, 28.5869, 28.9066



7.6928, 7.6070, 8.6995



13.6146, 6.8546, 8.0481



0.3567, 0.1770, 0.3298

Previews

White Background



This preview shows how the XYZ color 30.1337, 35.3934, 34.9492 looks on a white background.

Color Contrast Check

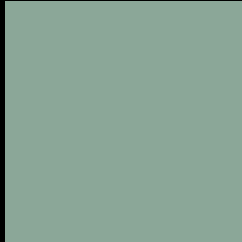
Large Text (above 18pt) WCAG AA × Fail

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 30.1337, 35.3934, 34.9492 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

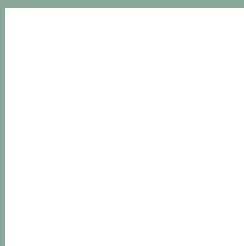
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1337, 35.3934, 34.9492

Background



This preview shows how black text looks on a background with the XYZ color 30.1337, 35.3934, 34.9492.



This preview shows how white text looks on a background with the XYZ color 30.1337, 35.3934,

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

30.1337, 35.3934, 34.9492

Protanopia

33.6420, 35.3867, 33.0742

Deuteranopia

35.9142, 35.2408, 35.4811



Tritanopia

32.2614, 35.1686, 46.1622

Trichromacy



Original Color

30.1337, 35.3934, 34.9492

Protanomaly

32.2323, 35.4322, 33.5741

Deuteranomaly

33.4577, 34.9887, 35.1271

Tritanomaly

31.4058, 35.0917, 41.6773

Monochromacy



Original Color

30.1337, 35.3934, 34.9492

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.2389, 34.3403, 35.9922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1337, 35.3934, 34.9492 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(139, 167, 152)` looks like.

```
.text, #text, p{  
    color:rgb(139, 167, 152)  
}
```

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(139, 167, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 167, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.1337, 35.3934, 34.9492 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(139, 167, 152) }
```


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

```
.border{ border-color:rgb(139, 167, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 167, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 167, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 167, 152);  
box-shadow:4px 4px 4px 4px rgb(139, 167,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1337, 35.3934, 34.9492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 167, 152) }
```

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

```
.background{ background-color: rgb(139,  
167, 152) }
```

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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