

Converting Colors

XYZ(33.8822, 35.2975, 37.2878)

Have a look what the booklet for
XYZ(33.8822, 35.2975, 37.2878)
contains.

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Color

**XYZ(34.0522, 35.5027,
37.4057)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A09E
RGB	164, 160, 158
RGB Percent	64%, 63%, 62%
CMY	0.3569, 0.3725, 0.3804
CMYK	0.00, 0.02, 0.04, 0.36
HSL	20°, 3%, 63%
HSV	20°, 4%, 64%
XYZ	34.0522, 35.5027, 37.4057
YIQ	160.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

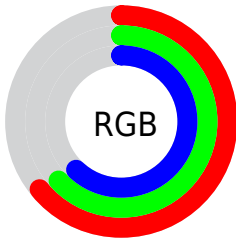
Format	Color
RYB	164, 161, 158
Decimal	10789022
CIELab	66.14, 1.07, 1.54
CIElCh	66, 1.881, 55.186
Yxy	35.5027, 0.3184, 0.3319
Android (android.graphics.Color)	4288979102 (0xFFA4A09E)
YUV	160.9680, -1.4632, 2.6591
Hunter-Lab	59.5841, -2.2599, 4.4879

Details

The XYZ color **34.0522, 35.5027, 37.4057** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7218, 35.7897, 40.2533**, and the grayscale version is **33.8678, 35.6316, 38.8028**.

A 20% lighter version of the original color is **65.5241, 68.4650, 72.7124**, and **14.8046, 15.4436, 16.1105** is the 20% darker color. If you saturate the color by 10%, you get **30.9224, 31.3532, 29.8564**, and if you desaturate by 10%, it is **37.5389, 40.0636, 46.0043**.

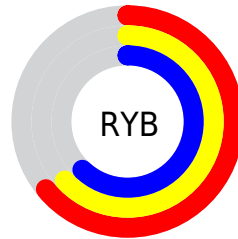
Distribution



Red (64%)

Green (63%)

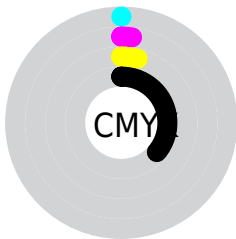
Blue (62%)



Red (64%)

Yellow (63%)

Blue (62%)

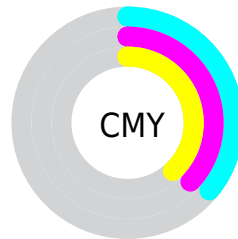


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (36%)



Cyan (36%)


Magenta (37%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0522, 35.5027, 37.4057 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 34.0522, 35.5027, 37.4057 by changing the saturation by 10% instead.


 34.0522, 35.5027,
37.4057


 34.0522, 35.5027,
37.4057

311.9466,
326.7817, 350.2851

 23.0968, 24.0504,
25.2235

 65.3586, 68.2638,
72.3896

 14.7861, 15.3710,
16.0231


 86.4403, 90.3414,
96.0284

 8.7547, 9.0802,
9.3860


111.6281,
116.7295, 124.3231

 4.6374, 4.7935,
4.8936

141.2874,
147.8125, 157.6924

 2.0687, 2.1266,
2.1273

175.7835,
183.9748, 196.5547

 0.6721, 0.6795,
0.6319

215.4819,

 0.0000, 0.0000,

225.6009, 241.3285

0.0000

260.7478,
273.0750, 292.4325

■ 34.0522, 35.5027,
37.4057

■ 34.0522, 35.5027,
37.4057

■ 30.9224, 31.3532,
29.8564

■ 37.5389, 40.0636,
46.0043

■ 28.1349, 27.5990,
23.3137

■ 41.3906, 45.0423,
55.6882

■ 25.6783, 24.2296,
17.7352

■ 45.6190, 50.4510,
66.4943

■ 23.5394, 21.2324,
13.0749

■ 50.2341, 56.2998,
78.4574

■ 21.7044, 18.5939,
9.2826

■ 55.2458, 62.5985,
91.6104

■ 20.1578, 16.3000,
6.3036

■ 60.4368, 69.2662,
104.7921

■ 18.8832, 14.3352,
4.0765

■ 63.4955, 75.3836,
105.8117

■ 17.8617, 12.6830,
2.5315

■ 66.7469, 81.8862,
106.8954

■ 17.0718, 11.3249,
1.5848

■ 69.1201, 86.6326,
107.6865

Harmonies

Analogous

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



34.2332, 35.5027, 38.0047



34.0522, 35.5027, 37.4057



33.7894, 35.5027, 37.1419

Triad

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



34.0522, 35.5027, 37.4057



33.2112, 35.5027, 38.5273



33.9736, 35.5027, 40.0669

Complementary

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



34.0522, 35.5027, 37.4057



33.7218, 35.7897, 40.2533

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.



33.6991, 35.5027, 40.2115



34.0522, 35.5027, 37.4057



33.2599, 35.5027, 39.3155

Square

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



34.0522, 35.5027, 37.4057



33.3047, 35.5027, 37.7838



33.4382, 35.5027, 39.9347



34.1877, 35.5027, 39.5424

Rectangle

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



34.0522, 35.5027, 37.4057



33.6036, 35.5027, 37.1890



33.4382, 35.5027, 39.9347



33.8853, 35.5027, 40.1619

Sweetspot

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



34.0532, 35.5042, 37.4065



63.4181, 66.5570, 71.8300



34.0588, 34.9554, 39.1349



13.8724, 14.5611, 15.7230



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.



34.0532, 35.5042, 37.4065



61.5619, 64.1166, 67.2895



34.5791, 36.5561, 37.5818



7.5905, 7.8941, 8.2415



12.8170, 8.2079, 0.9088



0.3113, 0.2565, 0.0331

Inverse Universe

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



33.7218, 35.7897, 40.2533



60.8936, 64.6922, 73.0297



33.2000, 34.7463, 40.0794



7.4966, 7.9749, 9.0473



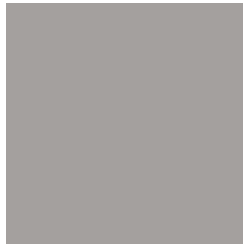
9.3973, 10.5739, 28.4755



0.2381, 0.3035, 0.6119

Previews

White Background



This preview shows how the XYZ color 34.0522, 35.5027, 37.4057 looks on a white background.

Color Contrast Check

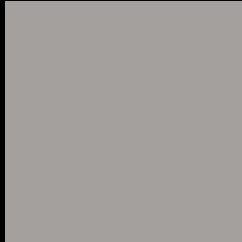
Large Text (above 18pt) WCAG AA × Fail

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 34.0522, 35.5027, 37.4057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

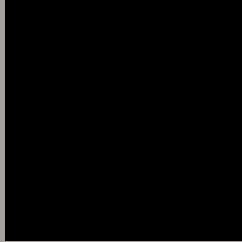
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0522, 35.5027, 37.4057

Background



This preview shows how black text looks on a background with the XYZ color 34.0522, 35.5027, 37.4057.



This preview shows how white text looks on a background with the XYZ color 34.0522, 35.5027,

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

34.0522, 35.5027, 37.4057

Protanopia

34.0522, 35.5027, 37.4057

Deuteranopia

36.2779, 35.6272, 37.7656



Tritanopia

35.3034, 35.5010, 43.5198

Trichromacy



Original Color

34.0522, 35.5027, 37.4057

Protanomaly

34.0522, 35.5027, 37.4057

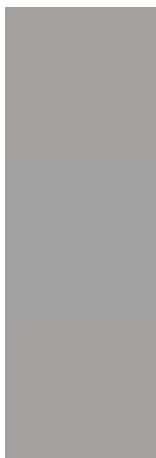
Deuteranomaly

35.3282, 35.3878, 37.7694

Tritanomaly

34.7981, 35.5488, 41.1039

Monochromacy



Original Color

34.0522, 35.5027, 37.4057

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.9903, 35.7092, 38.3588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0522, 35.5027, 37.4057 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(164, 160, 158)` looks like.

```
.text, #text, p{  
    color:rgb(164, 160, 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(164, 160, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 160, 158) }
```

Border

The CSS property to change the border of an element to XYZ 34.0522, 35.5027, 37.4057 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(164, 160, 158) }
```


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

```
.border{ border-color:rgb(164, 160, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 160, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 160, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 160, 158);  
box-shadow:4px 4px 4px 4px rgb(164, 160,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0522, 35.5027, 37.4057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 160, 158) }
```

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

```
.background{ background-color: rgb(164,  
160, 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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