

Converting Colors

XYZ(35.4825, 34.6027, 35.0647)

Have a look what the booklet for
XYZ(35.4825, 34.6027, 35.0647)
contains.

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Color

**XYZ(35.5011, 34.5474,
34.9342)**

Conversions

Conversions Part 1

Format	Color
Hex	B29999
RGB	178, 153, 153
RGB Percent	70%, 60%, 60%
CMY	0.3020, 0.4000, 0.4000
CMYK	0.00, 0.14, 0.14, 0.30
HSL	0°, 14%, 65%
HSV	0°, 14%, 70%
XYZ	35.5011, 34.5474, 34.9342
YIQ	160.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

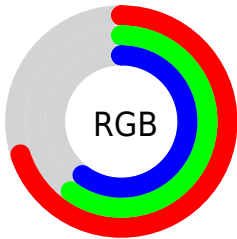
Format	Color
RYB	178, 153, 153
Decimal	11704729
CIELab	65.39, 9.25, 3.42
CIELCh	65, 9.857, 20.289
Yxy	34.5474, 0.3382, 0.3291
Android (android.graphics.Color)	4289894809 (0xFFB29999)
YUV	160.4750, -3.6852, 15.3694
Hunter-Lab	58.7770, 4.9535, 5.9048

Details

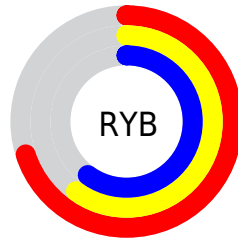
The XYZ color **35.5011, 34.5474, 34.9342** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.0928, 41.8264, 48.2381**, and the grayscale version is **33.6454, 35.3976, 38.5480**.

A 20% lighter version of the original color is **67.5070, 66.6231, 68.3330**, and **15.6071, 14.8220, 14.6087** is the 20% darker color. If you saturate the color by 10%, you get **31.4404, 28.6057, 26.8603**, and if you desaturate by 10%, it is **40.2175, 41.4489, 44.3095**.

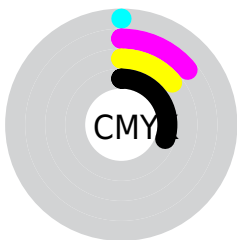
Distribution



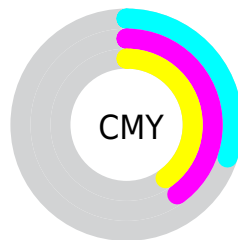
- Red (70%)
- Green (60%)
- Blue (60%)



- Red (70%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (30%)



- Cyan (30%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5011, 34.5474, 34.9342 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 35.5011, 34.5474, 34.9342 by changing the saturation by 10% instead.

■ 35.5011, 34.5474,
34.9342

■ 35.5011, 34.5474,
34.9342

318.2441,
322.5660, 339.1732

■ 24.2175, 23.3144,
23.3290

■ 67.5902, 66.7840,
68.5342

■ 15.6206, 14.8259,
14.6291

■ 89.1265, 88.5565,
91.3662

■ 9.3452, 8.6973,
8.4158

114.8109,
114.6109, 118.7775

■ 5.0259, 4.5442,
4.2706

145.0089,
145.3316, 151.1867

■ 2.2974, 1.9824,
1.7749

180.0859,
181.1031, 189.0123

■ 0.7933, 0.5972,
0.4113

220.4072,

■ 0.0000, 0.0000,

222.3098, 232.6729

0.0000

266.3381,
269.3359, 282.5871

■ 35.5011, 34.5474,
34.9342

■ 35.5011, 34.5474,
34.9342

■ 31.4404, 28.6057,
26.8603

■ 40.2175, 41.4489,
44.3095

■ 28.0038, 23.5770,
20.0284

■ 45.6139, 49.3451,
55.0379

■ 25.1612, 19.4175,
14.3774

■ 51.7167, 58.2750,
67.1709

■ 22.8789, 16.0778,
9.8405

■ 58.5502, 68.2740,
80.7565

■ 21.1200, 13.5039,
6.3440

■ 66.1374, 79.3758,
95.8407

■ 19.8429, 11.6350,
3.8055

■ 72.1702, 88.2050,
107.8292

■ 19.0000, 10.4014,
2.1302

■ 18.5337, 9.7191,
1.2038

■ 18.3605, 9.4656,
0.8593

Harmonies

Analogous

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



35.6404, 34.5474, 38.9691



35.5011, 34.5474, 34.9342



34.6364, 34.5474, 31.8424

Triad

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



35.5011, 34.5474, 34.9342



30.7529, 34.5474, 32.7761



32.3717, 34.5474, 45.9821

Complementary

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



35.5011, 34.5474, 34.9342



37.0928, 41.8264, 48.2381

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.



31.0996, 34.5474, 44.0490



35.5011, 34.5474, 34.9342



30.1832, 34.5474, 36.2951

Square

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



35.5011, 34.5474, 34.9342



31.8859, 34.5474, 30.6610



30.3082, 34.5474, 40.4322



33.8053, 34.5474, 45.5510

Rectangle

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



35.5011, 34.5474, 34.9342



33.7786, 34.5474, 30.6371



30.3082, 34.5474, 40.4322



31.9117, 34.5474, 45.5821

Sweetspot

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



35.5021, 34.5489, 34.9349



72.9090, 75.1315, 80.3073



37.7876, 35.4622, 46.9730



16.0019, 16.4242, 17.4916



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.5021, 34.5489, 34.9349



61.8594, 58.9630, 58.3400



37.6557, 38.8563, 35.6528



8.4965, 8.5055, 8.8464



13.1371, 6.7728, 0.6149



0.4134, 0.2132, 0.0194

Inverse Universe

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



37.0928, 41.8264, 48.2381



65.3326, 74.8525, 87.3858



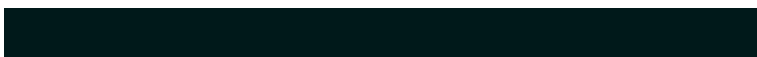
34.7187, 37.0781, 47.4467



8.7426, 9.6314, 10.9046



17.1376, 25.0755, 34.0738



0.5393, 0.7890, 1.0721

Previews

White Background



This preview shows how the XYZ color 35.5011, 34.5474, 34.9342 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 35.5011, 34.5474, 34.9342 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 35.5011, 34.5474, 34.9342

Background



This preview shows how black text looks on a background with the XYZ color 35.5011, 34.5474, 34.9342.



This preview shows how white text looks on a background with the XYZ color 35.5011, 34.5474,

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

35.5011, 34.5474, 34.9342

Protanopia

33.1279, 34.5354, 36.3725

Deuteranopia

35.2099, 34.6412, 34.9677



Tritanopia

36.2679, 34.3613, 39.3712

Trichromacy



Original Color

35.5011, 34.5474, 34.9342

Protanomaly

33.9533, 34.4683, 35.8739

Deuteranomaly

35.4368, 34.7582, 34.9783

Tritanomaly

36.0767, 34.5434, 37.5670

Monochromacy



Original Color

35.5011, 34.5474, 34.9342

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.0791, 34.7638, 36.8122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5011, 34.5474, 34.9342 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(178, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(178, 153, 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(178, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 153, 153) }
```

Border

The CSS property to change the border of an element to XYZ 35.5011, 34.5474, 34.9342 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(178, 153, 153) }
```


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

```
.border{ border-color:rgb(178, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(178, 153,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5011, 34.5474, 34.9342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 153, 153) }
```

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

```
.background{ background-color: rgb(178,  
153, 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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