

Converting Colors

XYZ(34.4859, 35.5736, 36.2438)

Have a look what the booklet for
XYZ(34.4859, 35.5736, 36.2438)
contains.

XYZ(34.4630, 35.4877, 36.0438)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.4630, 35.4877,
36.0438)**

Conversions

Conversions Part 1

Format	Color
Hex	A89F9B
RGB	168, 159, 155
RGB Percent	66%, 62%, 61%
CMY	0.3412, 0.3765, 0.3922
CMYK	0.00, 0.05, 0.08, 0.34
HSL	18°, 7%, 63%
HSV	18°, 8%, 66%
XYZ	34.4630, 35.4877, 36.0438
YIQ	161.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

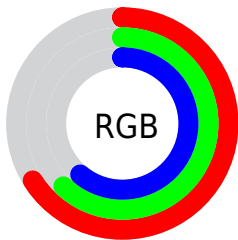
Format	Color
R_{YB}	168, 161, 155
Decimal	11050907
CIE _{Lab}	66.13, 2.55, 3.25
CIE _{LCh}	66, 4.125, 51.885
Yxy	35.4877, 0.3251, 0.3348
Android (android.graphics.Color)	4289240987 (0xFFA89F9B)
YUV	161.2350, -3.0739, 5.9329
Hunter-Lab	59.5716, -0.9854, 5.8266

Details

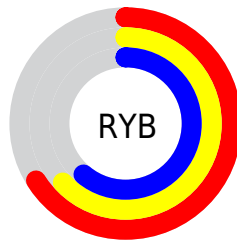
The XYZ color **34.4630, 35.4877, 36.0438** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8608, 36.3460, 42.2770**, and the grayscale version is **33.9981, 35.7686, 38.9520**.

A 20% lighter version of the original color is **65.9866, 68.3846, 70.0433**, and **15.0637, 15.4376, 15.2825** is the 20% darker color. If you saturate the color by 10%, you get **31.2432, 31.1508, 28.4872**, and if you desaturate by 10%, it is **38.0693, 40.2825, 44.6986**.

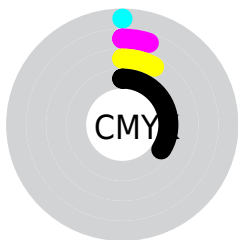
Distribution



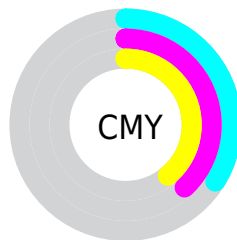
- Red (66%)
- Green (62%)
- Blue (61%)



- Red (66%)
- Yellow (63%)
- Blue (61%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (34%)



- Cyan (34%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4630, 35.4877, 36.0438 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 34.4630, 35.4877, 36.0438 by changing the saturation by 10% instead.

■ 34.4630, 35.4877,
36.0438

■ 34.4630, 35.4877,
36.0438

313.7414,
326.7158, 344.1951

■ 23.4141, 24.0388,
24.1781

■ 65.9925, 68.2406,
70.2695

■ 15.0219, 15.3624,
15.2523

■ 87.2039, 90.3134,
93.4665

■ 8.9212, 9.0741,
8.8481

112.5334,
116.6963, 121.2777

■ 4.7465, 4.7896,
4.5468

142.3465,
147.7736, 154.1216

■ 2.1325, 2.1243,
1.9298

177.0085,
183.9299, 192.4167

■ 0.7068, 0.6783,
0.5116

216.8847,

■ 0.0000, 0.0000,

225.5494, 236.5817

0.0000

262.3405,
273.0166, 287.0350

■ 34.4630, 35.4877,
36.0438

■ 34.4630, 35.4877,
36.0438

■ 31.2432, 31.1508,
28.4872

■ 38.0693, 40.2825,
44.6986

■ 28.3935, 27.2534,
21.9823

■ 42.0715, 45.5434,
54.4909

■ 25.9011, 23.7830,
16.4828

■ 46.4827, 51.2843,
65.4610

■ 23.7510, 20.7245,
11.9378

■ 51.3143, 57.5174,
77.6464

■ 21.9271, 18.0621,
8.2920

■ 56.5773, 64.2540,
91.0830

■ 20.4119, 15.7785,
5.4845

■ 62.1530, 71.4536,
105.1239

■ 19.1861, 13.8555,
3.4466

■ 65.4742, 78.0960,
106.2309

■ 18.2279, 12.2728,
2.0984

■ 69.0149, 85.1774,
107.4112

■ 17.5056, 11.0055,
1.3108

■ 69.9586, 87.0649,
107.7257

Harmonies

Analogous

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



34.8359, 35.4877, 37.3950



34.4630, 35.4877, 36.0438



33.8967, 35.4877, 35.3927

Triad

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



34.4630, 35.4877, 36.0438



32.5762, 35.4877, 38.1654



34.1714, 35.4877, 41.8589

Complementary

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



34.4630, 35.4877, 36.0438



33.8608, 36.3460, 42.2770

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.



33.5638, 35.4877, 42.0803



34.4630, 35.4877, 36.0438



32.6477, 35.4877, 39.9124

Square

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



34.4630, 35.4877, 36.0438



32.8108, 35.4877, 36.5931



33.0075, 35.4877, 41.3581



34.6662, 35.4877, 40.7620

Rectangle

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



34.4630, 35.4877, 36.0438



33.4878, 35.4877, 35.4291



33.0075, 35.4877, 41.3581



33.9734, 35.4877, 42.0395

Sweetspot

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



34.4640, 35.4893, 36.0446



66.1822, 69.2559, 74.1116



34.5801, 34.4520, 39.9971



14.4414, 15.1168, 16.1930



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.



34.4640, 35.4893, 36.0446



61.6630, 63.2262, 63.3301



35.5927, 37.7466, 36.4208



7.7125, 7.9051, 7.9086



13.1539, 8.2051, 0.8904



0.3649, 0.2893, 0.0366

Inverse Universe

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



33.8608, 36.3460, 42.2770



60.3788, 65.0500, 76.5987



32.7447, 34.1137, 41.9050



7.5497, 8.1364, 9.5909



10.1239, 11.7080, 29.7018



0.2885, 0.3692, 0.7367

Previews

White Background



This preview shows how the XYZ color 34.4630, 35.4877, 36.0438 looks on a white background.

Color Contrast Check

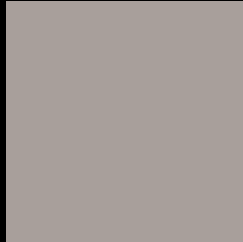
Large Text (above 18pt) WCAG AA × Fail

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 34.4630, 35.4877, 36.0438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

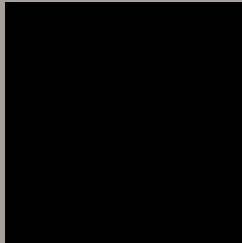
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4630, 35.4877, 36.0438

Background



This preview shows how black text looks on a background with the XYZ color 34.4630, 35.4877, 36.0438.



This preview shows how white text looks on a background with the XYZ color 34.4630, 35.4877,

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

34.4630, 35.4877, 36.0438

Protanopia

34.0886, 35.5412, 36.5160

Deuteranopia

36.0822, 35.3080, 36.3659



Tritanopia

35.7960, 35.5246, 42.5064

Trichromacy



Original Color

34.4630, 35.4877, 36.0438

Protanomaly

34.2974, 35.6489, 36.5257

Deuteranomaly

35.3448, 35.1759, 36.3792

Tritanomaly

35.2899, 35.5691, 40.1275

Monochromacy



Original Color

34.4630, 35.4877, 36.0438

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.1387, 35.5373, 37.8610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4630, 35.4877, 36.0438 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(168, 159, 155)` looks like.

```
.text, #text, p{  
    color:rgb(168, 159, 155)  
}
```

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(168, 159, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 159, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.4630, 35.4877, 36.0438 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(168, 159, 155) }
```


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

```
.border{ border-color:rgb(168, 159, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 159, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 159, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 159, 155);  
box-shadow:4px 4px 4px 4px rgb(168, 159,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4630, 35.4877, 36.0438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 159, 155) }
```

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

```
.background{ background-color: rgb(168,  
159, 155) }
```

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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