

Converting Colors

XYZ(35.9721, 35.0846, 35.5653)

Have a look what the booklet for
XYZ(35.9721, 35.0846, 35.5653)
contains.

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Color

**XYZ(35.9787, 35.0280,
35.4366)**

Conversions

Conversions Part 1

Format	Color
Hex	B39A9A
RGB	179, 154, 154
RGB Percent	70%, 60%, 60%
CMY	0.2980, 0.3961, 0.3961
CMYK	0.00, 0.14, 0.14, 0.30
HSL	0°, 14%, 65%
HSV	0°, 14%, 70%
XYZ	35.9787, 35.0280, 35.4366
YIQ	161.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

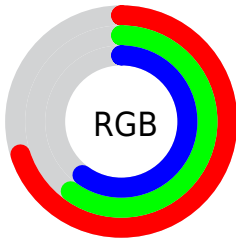
Format	Color
RYB	179, 154, 154
Decimal	11770522
CIELab	65.77, 9.23, 3.41
CIElCh	66, 9.844, 20.283
Yxy	35.0280, 0.3380, 0.3291
Android (android.graphics.Color)	4289960602 (0xFFB39A9A)
YUV	161.4750, -3.6852, 15.3694
Hunter-Lab	59.1845, 4.9388, 5.9293

Details

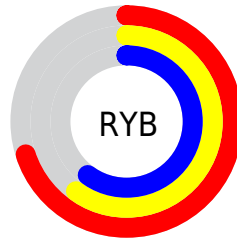
The XYZ color **35.9787, 35.0280, 35.4366** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5829, 42.3638, 48.8443**, and the grayscale version is **34.1099, 35.8863, 39.0802**.

A 20% lighter version of the original color is **68.2020, 67.3280, 69.0755**, and **15.9026, 15.1154, 14.9114** is the 20% darker color. If you saturate the color by 10%, you get **31.8609, 29.0026, 27.2490**, and if you desaturate by 10%, it is **40.7613, 42.0263, 44.9435**.

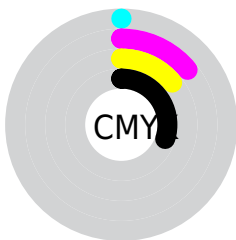
Distribution



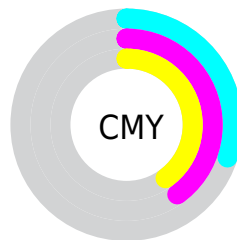
- Red (70%)
- Green (60%)
- Blue (60%)



- 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 35.9787, 35.0280, 35.4366 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 35.9787, 35.0280, 35.4366 by changing the saturation by 10% instead.


 35.9787, 35.0280,
35.4366


 35.9787, 35.0280,
35.4366

320.3003,
324.6919, 341.4539

 24.5878, 23.6844,
23.7131


 68.3233, 67.5291,
69.3208

 15.8973, 15.0997,
14.9107


 90.0076, 89.4555,
92.3186

 9.5419, 8.8894,
8.6108


115.8539,
115.6783, 119.9117

 5.1562, 4.6691,
4.3949

146.2273,
146.5819, 152.5185

 2.3749, 2.0545,
1.8444

181.4933,
182.5506, 190.5575

 0.8326, 0.6388,
0.4570

222.0172,

 0.0000, 0.0000,

223.9689, 234.4475

0.0000

268.1644,
271.2212, 284.6067

■ 35.9787, 35.0280,
35.4366

■ 35.9787, 35.0280,
35.4366

■ 31.8609, 29.0026,
27.2490

■ 40.7613, 42.0263,
44.9435

■ 28.3756, 23.9028,
20.3203

■ 46.2331, 50.0329,
55.8219

■ 25.4925, 19.6840,
14.5889

■ 52.4211, 59.0874,
68.1240

■ 23.1774, 16.2963,
9.9868

■ 59.3496, 69.2255,
81.8987

■ 21.3929, 13.6850,
6.4395

■ 67.0421, 80.4814,
97.1924

■ 20.0969, 11.7885,
3.8635

■ 72.4005, 88.3238,
107.8400

■ 19.2412, 10.5361,
2.1626

■ 18.7674, 9.8428,
1.2213

■ 18.5908, 9.5843,
0.8701

Harmonies

Analogous

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



36.1189, 35.0280, 39.5038



35.9787, 35.0280, 35.4366



35.1075, 35.0280, 32.3185

Triad

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



35.9787, 35.0280, 35.4366



31.1931, 35.0280, 33.2591



32.8245, 35.0280, 46.5681

Complementary

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



35.9787, 35.0280, 35.4366



37.5829, 42.3638, 48.8443

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.



31.5422, 35.0280, 44.6206



35.9787, 35.0280, 35.4366



30.6186, 35.0280, 36.8070

Square

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



35.9787, 35.0280, 35.4366



32.3354, 35.0280, 31.1261



30.7445, 35.0280, 40.9765



34.2695, 35.0280, 46.1345

Rectangle

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



35.9787, 35.0280, 35.4366



34.2430, 35.0280, 31.1025



30.7445, 35.0280, 40.9765



32.3608, 35.0280, 46.1651

Sweetspot

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



35.9797, 35.0296, 35.4373



72.9090, 75.1315, 80.3073



38.2830, 35.9500, 47.5694



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.



35.9797, 35.0296, 35.4373



61.8594, 58.9630, 58.3400



38.1508, 39.3717, 36.1610



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.



37.5829, 42.3638, 48.8443



65.3326, 74.8525, 87.3858



35.1908, 37.5797, 48.0469



8.7426, 9.6314, 10.9046



17.1375, 25.0755, 34.0738



0.5393, 0.7890, 1.0721

Previews

White Background



This preview shows how the XYZ color 35.9787, 35.0280, 35.4366 looks on a white background.

Color Contrast Check

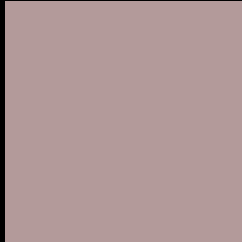
Large Text (above 18pt) WCAG AA × Fail

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 35.9787, 35.0280, 35.4366 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 35.9787, 35.0280, 35.4366

Background



This preview shows how black text looks on a background with the XYZ color 35.9787, 35.0280, 35.4366.



This preview shows how white text looks on a background with the XYZ color 35.9787, 35.0280,

35.4366.

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

35.9787, 35.0280, 35.4366

Protanopia

33.5882, 35.0171, 36.8870

Deuteranopia

35.9142, 35.2408, 35.4811



Tritanopia

36.7515, 34.8401, 39.9098

Trichromacy



Original Color

35.9787, 35.0280, 35.4366

Protanomaly

34.4199, 34.9493, 36.3842

Deuteranomaly

35.9142, 35.2408, 35.4811

Tritanomaly

36.5588, 35.0238, 38.0911

Monochromacy



Original Color

35.9787, 35.0280, 35.4366

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.5469, 35.2472, 37.3303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9787, 35.0280, 35.4366 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(179, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(179, 154, 154)  
}
```

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(179, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 154, 154) }
```

Border

The CSS property to change the border of an element to XYZ 35.9787, 35.0280, 35.4366 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(179, 154, 154) }
```


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

```
.border{ border-color:rgb(179, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(179, 154,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9787, 35.0280, 35.4366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 154, 154) }
```

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

```
.background{ background-color: rgb(179,  
154, 154) }
```

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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