

Converting Colors

XYZ(40.0507, 35.9681, 35.8170)

Have a look what the booklet for
XYZ(40.0507, 35.9681, 35.8170)
contains.

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Color

**XYZ(39.9525, 35.8672,
35.8277)**

Conversions

Conversions Part 1

Format	Color
Hex	C6959B
RGB	198, 149, 155
RGB Percent	78%, 58%, 61%
CMY	0.2235, 0.4157, 0.3922
CMYK	0.00, 0.25, 0.22, 0.22
HSL	353°, 30%, 68%
HSV	353°, 25%, 78%
XYZ	39.9525, 35.8672, 35.8277
YIQ	164.3350, 27.2780, 12.2540

Conversions

Conversions Part 2

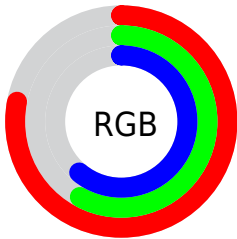
Format	Color
R_{YB}	198, 149, 155
Decimal	13014427
CIE _{Lab}	66.42, 19.29, 4.03
CIE _{LCh}	66, 19.710, 11.784
Yxy	35.8672, 0.3578, 0.3213
Android (android.graphics.Color)	4291204507 (0xFFC6959B)
YUV	164.3350, -4.6022, 29.5242
Hunter-Lab	59.8892, 14.2724, 6.4532

Details

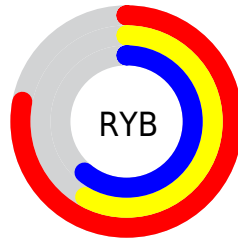
The XYZ color **39.9525, 35.8672, 35.8277** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.1044, 50.5843, 57.4162**, and the grayscale version is **35.4591, 37.3058, 40.6260**.

A 20% lighter version of the original color is **74.1046, 68.5753, 69.6522**, and **18.1941, 15.5745, 15.1439** is the 20% darker color. If you saturate the color by 10%, you get **35.7263, 29.5845, 27.7298**, and if you desaturate by 10%, it is **44.9232, 43.3023, 45.2108**.

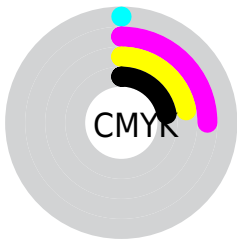
Distribution



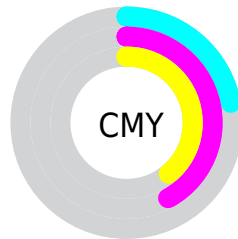
- Red (78%)
- Green (58%)
- Blue (61%)



- Red (78%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (22%)
- Black (22%)





- Cyan (22%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9525, 35.8672, 35.8277 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 39.9525, 35.8672, 35.8277 by changing the saturation by 10% instead.


 39.9525, 35.8672,
35.8277


 39.9525, 35.8672,
35.8277


337.0612,
328.3797, 343.2214

 27.6856, 24.3317,
24.0125

 74.3760, 68.8270,
69.9321

 18.2280, 15.5798,
15.1306


 97.2632, 91.0201,
93.0584

 11.2145, 9.2273,
8.7635


124.4213,
117.5345, 120.7921

 6.2796, 4.8898,
4.4925

156.2155,
148.7546, 153.5518

 3.0581, 2.1827,
1.8992

193.0112,
185.0648, 191.7561

 1.1846, 0.7105,
0.4923

235.1739,

 0.0941, 0.0000,

226.8494, 235.8234

0.0000

283.0687,
274.4929, 286.1723

■ 0.0000, 0.0000,
0.0000

■ 39.9525, 35.8672,
35.8277

■ 39.9525, 35.8672,
35.8277

■ 35.7263, 29.5845,
27.7298

■ 44.9232, 43.3023,
45.2108

■ 32.2059, 24.3918,
20.8588

■ 50.6690, 51.9383,
55.9294

■ 29.3534, 20.2283,
15.1553

■ 57.2221, 61.8267,
68.0337

■ 27.1261, 17.0255,
10.5541

■ 64.6123, 73.0150,
81.5710

■ 25.4765, 14.7062,
6.9834

■ 72.8675, 85.5476,
96.5860

■ 24.3501, 13.1815,
4.3629

■ 77.0988, 90.7458,
108.0599

■ 23.6814, 12.3436,
2.6001

■ 23.4561, 12.0727,
1.9708

Harmonies

Analogous

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



39.7696, 35.8672, 44.3567



39.9525, 35.8672, 35.8277



38.4992, 35.8672, 29.1951

Triad

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



39.9525, 35.8672, 35.8277



30.4479, 35.8672, 28.1459



32.3475, 35.8672, 56.6125

Complementary

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



39.9525, 35.8672, 35.8277



42.1044, 50.5843, 57.4162

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.



30.0323, 35.8672, 50.9130



39.9525, 35.8672, 35.8277



28.9799, 35.8672, 34.1904

Square

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



39.9525, 35.8672, 35.8277



32.9450, 35.8672, 25.2074



28.8323, 35.8672, 42.4669



35.2627, 35.8672, 57.2192

Rectangle

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



39.9525, 35.8672, 35.8277



36.8445, 35.8672, 26.4126



28.8323, 35.8672, 42.4669



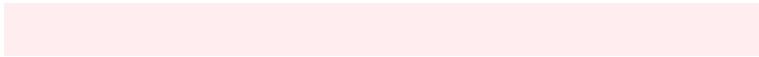
31.4777, 35.8672, 55.1943

Sweetspot

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



39.9535, 35.8689, 35.8284



87.1971, 88.1671, 94.3429



42.5449, 36.7108, 58.2698



18.5261, 18.6642, 19.9370



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.9535, 35.8689, 35.8284



66.3223, 56.9250, 54.9912



42.5272, 41.8023, 34.2631



10.6858, 10.6577, 11.3287



15.2713, 7.8581, 1.3724



0.7411, 0.3793, 0.1596

Inverse Universe

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



39.9535, 35.8689, 35.8284



66.3223, 56.9250, 54.9912



38.9168, 43.1240, 59.6989



10.6858, 10.6577, 11.3287



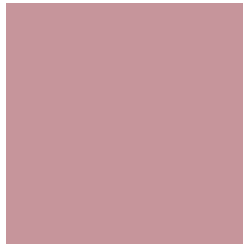
15.2713, 7.8581, 1.3724



0.7411, 0.3793, 0.1596

Previews

White Background



This preview shows how the XYZ color 39.9525, 35.8672, 35.8277 looks on a white background.

Color Contrast Check

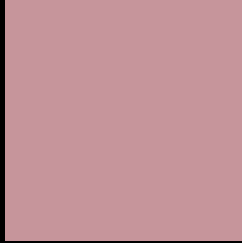
Large Text (above 18pt) WCAG AA × Fail

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 39.9525, 35.8672, 35.8277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

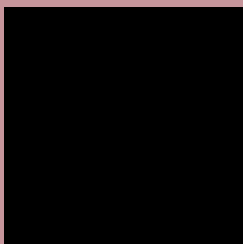
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9525, 35.8672, 35.8277

Background



This preview shows how black text looks on a background with the XYZ color 39.9525, 35.8672, 35.8277.



This preview shows how white text looks on a background with the XYZ color 39.9525, 35.8672,

35.8277.

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

39.9525, 35.8672, 35.8277

Protanopia

34.7835, 36.0977, 39.3167

Deuteranopia

36.5436, 35.8133, 35.5585



Tritanopia

40.4883, 35.8600, 38.0454

Trichromacy



Original Color

39.9525, 35.8672, 35.8277

Protanomaly

36.4464, 35.9643, 37.8217

Deuteranomaly

37.7175, 35.6804, 35.4709

Tritanomaly

40.3146, 35.7905, 37.1312

Monochromacy



Original Color

39.9525, 35.8672, 35.8277

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.7357, 36.5996, 38.8465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9525, 35.8672, 35.8277 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(198, 149, 155)` looks like.

```
.text, #text, p{  
    color:rgb(198, 149, 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(198, 149, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 149, 155) }
```

Border

The CSS property to change the border of an element to XYZ 39.9525, 35.8672, 35.8277 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(198, 149, 155) }
```


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

```
.border{ border-color:rgb(198, 149, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 149, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 149, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 149, 155);  
box-shadow:4px 4px 4px 4px rgb(198, 149,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9525, 35.8672, 35.8277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 149, 155) }
```

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

```
.background{ background-color: rgb(198,  
149, 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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