

Converting Colors

XYZ(39.8029, 36.3169, 35.5726)

Have a look what the booklet for
XYZ(39.8029, 36.3169, 35.5726)
contains.

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Color

**XYZ(39.6643, 36.2021,
35.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	C4979A
RGB	196, 151, 154
RGB Percent	77%, 59%, 60%
CMY	0.2314, 0.4078, 0.3961
CMYK	0.00, 0.23, 0.21, 0.23
HSL	356°, 28%, 68%
HSV	356°, 23%, 77%
XYZ	39.6643, 36.2021, 35.4690
YIQ	164.7970, 25.8570, 10.4730

Conversions

Conversions Part 2

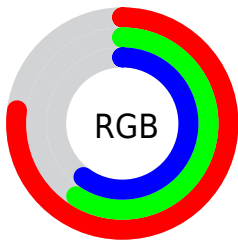
Format	Color
R _Y B	196, 151, 154
Decimal	12883866
CIE Lab	66.67, 17.29, 4.93
CIE LCh	67, 17.978, 15.910
Yxy	36.2021, 0.3563, 0.3252
Android (android.graphics.Color)	4291073946 (0xFFC4979A)
YUV	164.7970, -5.3229, 27.3650
Hunter-Lab	60.1682, 12.3771, 7.1664

Details

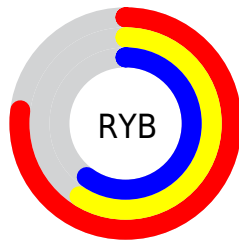
The XYZ color **39.6643, 36.2021, 35.4690** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.1296, 49.9103, 57.8678**, and the grayscale version is **35.6838, 37.5421, 40.8834**.

A 20% lighter version of the original color is **73.7245, 69.0994, 69.1263**, and **17.9899, 15.7563, 14.9251** is the 20% darker color. If you saturate the color by 10%, you get **35.3589, 29.8466, 27.0805**, and if you desaturate by 10%, it is **44.7283, 43.7026, 45.2569**.

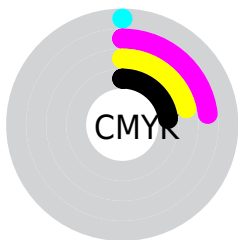
Distribution



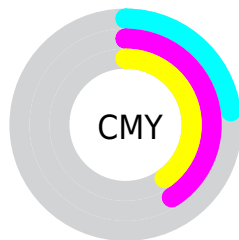
- Red (77%)
- Green (59%)
- Blue (60%)



- Red (77%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (23%)



- Cyan (23%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6643, 36.2021, 35.4690 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 39.6643, 36.2021, 35.4690 by changing the saturation by 10% instead.

■ 39.6643, 36.2021,
35.4690

■ 39.6643, 36.2021,
35.4690

335.8653,
329.8430, 341.6006

■ 27.4599, 24.5903,
23.7379

■ 73.9396, 69.3439,
69.3715

■ 18.0573, 15.7721,
14.9289

■ 96.7413, 91.6427,
92.3800

■ 11.0911, 9.3630,
8.6235

123.8062,
118.2726, 119.9847

■ 6.1959, 4.9787,
4.4030

155.4996,
149.6181, 152.6042

■ 3.0063, 2.2348,
1.8489

192.1868,
186.0634, 190.6570

■ 1.1571, 0.7389,
0.4599

234.2333,

■ 0.0721, 0.0000,

227.9931, 234.5616

0.0000

282.0044,
275.7915, 284.7366

■ 0.0000, 0.0000,
0.0000

■ 39.6643, 36.2021,
35.4690

■ 39.6643, 36.2021,
35.4690

■ 35.3589, 29.8466,
27.0805

■ 44.7283, 43.7026,
45.2569

■ 31.7728, 24.5752,
20.0255

■ 50.5820, 52.3952,
56.5019

■ 28.8677, 20.3287,
14.2359

■ 57.2581, 62.3306,
69.2607

■ 26.6002, 17.0405,
9.6367

■ 64.7867, 73.5550,
83.5869

■ 24.9224, 14.6361,
6.1450

■ 73.1965, 86.1121,
99.5309

■ 23.7792, 13.0297,
3.6674

■ 76.5751, 90.4758,
108.0354

■ 23.1052, 12.1190,
2.0950

■ 22.8380, 11.7650,
1.4497

Harmonies

Analogous

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



39.7114, 36.2021, 43.1615



39.6643, 36.2021, 35.4690



38.1612, 36.2021, 29.6464

Triad

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



39.6643, 36.2021, 35.4690



30.8024, 36.2021, 29.9244



33.1567, 36.2021, 55.7260

Complementary

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



39.6643, 36.2021, 35.4690



42.1296, 49.9103, 57.8678

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.



30.9112, 36.2021, 51.1304



39.6643, 36.2021, 35.4690



29.6010, 36.2021, 35.8974

Square

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



39.6643, 36.2021, 35.4690



33.0010, 36.2021, 26.7438



29.6397, 36.2021, 43.6496



35.8565, 36.2021, 55.5717

Rectangle

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



39.6643, 36.2021, 35.4690



36.5788, 36.2021, 27.3096



29.6397, 36.2021, 43.6496



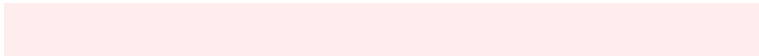
32.3268, 36.2021, 54.6618

Sweetspot

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



39.6653, 36.2038, 35.4697



87.0501, 88.1082, 93.5685



43.0238, 37.4579, 57.1873



18.4921, 18.6506, 19.7583



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.



39.6653, 36.2038, 35.4697



67.4129, 59.0212, 55.6166



42.8206, 42.9088, 35.3056



10.0998, 10.0885, 10.6161



14.6862, 7.5642, 0.9935



0.6441, 0.3307, 0.0933

Inverse Universe

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



39.6653, 36.2038, 35.4697



67.4129, 59.0212, 55.6166



38.3513, 41.8134, 58.2743



10.0998, 10.0885, 10.6161



14.6862, 7.5642, 0.9935



0.6441, 0.3307, 0.0933

Previews

White Background



This preview shows how the XYZ color 39.6643, 36.2021, 35.4690 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 39.6643, 36.2021, 35.4690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

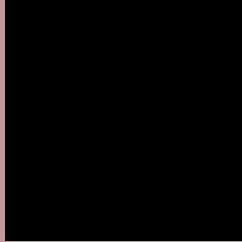
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6643, 36.2021, 35.4690

Background



This preview shows how black text looks on a background with the XYZ color 39.6643, 36.2021, 35.4690.



This preview shows how white text looks on a background with the XYZ color 39.6643, 36.2021,

35.4690.

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

39.6643, 36.2021, 35.4690

Protanopia

34.9914, 36.4857, 38.4559

Deuteranopia

37.0981, 36.3589, 35.1997



Tritanopia

40.3653, 36.2562, 38.5889

Trichromacy



Original Color

39.6643, 36.2021, 35.4690

Protanomaly

36.5299, 36.2695, 37.4231

Deuteranomaly

37.9646, 36.3074, 35.1441

Tritanomaly

40.1039, 36.1516, 37.2120

Monochromacy



Original Color

39.6643, 36.2021, 35.4690

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.9083, 36.9449, 38.9040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6643, 36.2021, 35.4690 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(196, 151, 154)` looks like.

```
.text, #text, p{  
    color:rgb(196, 151, 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(196, 151, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 151, 154) }
```

Border

The CSS property to change the border of an element to XYZ 39.6643, 36.2021, 35.4690 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(196, 151, 154) }
```


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

```
.border{ border-color:rgb(196, 151, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 151, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 151, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 151, 154); box-shadow:4px 4px 4px 4px rgb(196, 151, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6643, 36.2021, 35.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 151, 154) }
```

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

```
.background{ background-color: rgb(196,  
151, 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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