

Converting Colors

XYZ(35.0854, 39.5550, 23.3685)

Have a look what the booklet for
XYZ(35.0854, 39.5550, 23.3685)
contains.

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Color

**XYZ(35.0956, 39.6076,
23.2481)**

Conversions

Conversions Part 1

Format	Color
Hex	ACAC77
RGB	172, 172, 119
RGB Percent	67%, 67%, 47%
CMY	0.3255, 0.3255, 0.5333
CMYK	0.00, 0.00, 0.31, 0.33
HSL	60°, 24%, 57%
HSV	60°, 31%, 67%
XYZ	35.0956, 39.6076, 23.2481
YIQ	165.9580, 17.0130, -16.4830

Conversions

Conversions Part 2

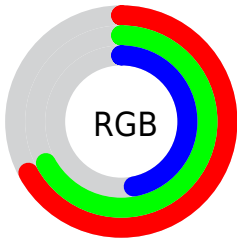
Format	Color
RYB	119, 172, 119
Decimal	11316343
CIELab	69.19, -8.49, 27.34
CIElCh	69, 28.627, 107.244
Yxy	39.6076, 0.3583, 0.4044
Android (android.graphics.Color)	4289506423 (0xFFACAC77)
YUV	165.9580, -23.1503, 5.2988
Hunter-Lab	62.9346, -10.5946, 22.1524

Details

The XYZ color **35.0956, 39.6076, 23.2481** is a light color, and the websafe version is hex **999966**. A complement of this color would be **21.6524, 20.0952, 41.7695**, and the grayscale version is **36.3287, 38.2206, 41.6222**.

A 20% lighter version of the original color is **66.9104, 74.4107, 49.8659**, and **15.4297, 17.7971, 8.4163** is the 20% darker color. If you saturate the color by 10%, you get **34.1549, 39.2327, 18.2913**, and if you desaturate by 10%, it is **36.2253, 40.0609, 29.1913**.

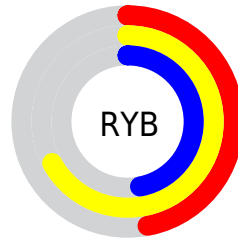
Distribution



Red (67%)

Green (67%)

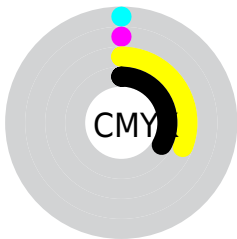
Blue (47%)



Red (47%)

Yellow (67%)

Blue (47%)

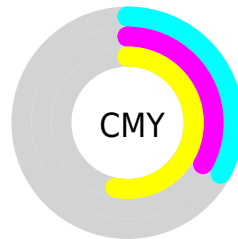


Cyan (0%)

Magenta (0%)

Yellow (31%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0956, 39.6076, 23.2481 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 35.0956, 39.6076, 23.2481 by changing the saturation by 10% instead.

■ 35.0956, 39.6076,
23.2481

■ 35.0956, 39.6076,
23.2481

316.4907,
344.4669, 282.1598

■ 23.9034, 27.2327,
14.5698

■ 66.9669, 74.5656,
49.7287

■ 15.3863, 17.7481,
8.3748

■ 88.3767, 97.9175,
68.3681

■ 9.1790, 10.7693,
4.2445

■ 113.9230,
125.6973, 91.1650

■ 4.9162, 5.9119,
1.7604

143.9713,
158.2892, 118.5378

■ 2.2324, 2.7916,
0.4016

178.8868,
196.0777, 150.9052

■ 0.7597, 1.0239,
0.0000

219.0350,

■ 0.0000, 0.0000,

239.4473, 188.6856

0.0000

264.7812,
288.7822, 232.2977

■ 35.0956, 39.6076,
23.2481

■ 35.0956, 39.6076,
23.2481

■ 34.1549, 39.2327,
18.2913

■ 36.2253, 40.0609,
29.1913

■ 33.3900, 38.9267,
14.2652

■ 37.5504, 40.5910,
36.1674

■ 32.7910, 38.6871,
11.1125

■ 39.0805, 41.2030,
44.2233

■ 32.3456, 38.5089,
8.7685

■ 40.8238, 41.9004,
53.4020

■ 32.0398, 38.3865,
7.1595

■ 42.7881, 42.6861,
63.7442

■ 31.8571, 38.3134,
6.1986

■ 44.9807, 43.5632,
75.2888

■ 31.7648, 38.2764,
5.7139

■ 47.4086, 44.5344,
88.0727

■ 49.8190, 45.4986,
100.7641

■ 49.8193, 45.4987,
100.7641

Harmonies

Analogous

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



39.6235, 39.6076, 22.9112



35.0956, 39.6076, 23.2481



31.5440, 39.6076, 28.1726

Triad

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



35.0956, 39.6076, 23.2481



31.9793, 39.6076, 64.4168



46.9027, 39.6076, 48.9365

Complementary

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



35.0956, 39.6076, 23.2481



21.6524, 20.0952, 41.7695

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.



44.4878, 39.6076, 62.6093



35.0956, 39.6076, 23.2481



35.7351, 39.6076, 72.6907

Square

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



35.0956, 39.6076, 23.2481



29.8475, 39.6076, 51.0413



40.3167, 39.6076, 71.9692



46.6963, 39.6076, 36.0744

Rectangle

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



35.0956, 39.6076, 23.2481



30.0962, 39.6076, 34.0892



40.3167, 39.6076, 71.9692



46.3629, 39.6076, 53.6333

Sweetspot

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



35.0966, 39.6094, 23.2489



68.5510, 73.8070, 67.8883



26.9412, 23.2972, 20.5302



14.8171, 16.0077, 14.3294



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



35.0966, 39.6094, 23.2489



62.4614, 71.3710, 35.8286



29.8492, 36.9042, 23.0034



8.6626, 9.3302, 8.5577



23.6369, 28.4823, 4.2518



0.6576, 0.7924, 0.1183

Inverse Universe

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



21.6524, 20.0952, 41.7695



34.1376, 30.2591, 74.8471



25.8098, 22.2384, 41.9641



7.5790, 7.7573, 10.0505



5.5415, 2.2166, 29.1803



0.1542, 0.0617, 0.8118

Previews

White Background



This preview shows how the XYZ color 35.0956, 39.6076, 23.2481 looks on a white background.

Color Contrast Check

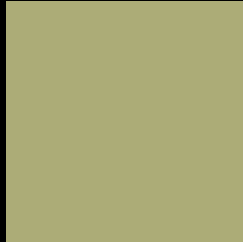
Large Text (above 18pt) WCAG AA × Fail

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 35.0956, 39.6076, 23.2481 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 35.0956, 39.6076, 23.2481

Background



This preview shows how black text looks on a background with the XYZ color 35.0956, 39.6076, 23.2481.



This preview shows how white text looks on a background with the XYZ color 35.0956, 39.6076,

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

35.0956, 39.6076, 23.2481

Protanopia

36.7494, 39.6290, 22.8518

Deuteranopia

40.1909, 39.5005, 23.5952



Tritanopia

39.9814, 39.6683, 47.1445

Trichromacy



Original Color

35.0956, 39.6076, 23.2481

Protanomaly

36.0048, 39.5224, 22.8705

Deuteranomaly

38.2616, 39.5757, 23.3916

Tritanomaly

37.9079, 39.6357, 37.1050

Monochromacy



Original Color

35.0956, 39.6076, 23.2481

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.5759, 38.5000, 33.9900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0956, 39.6076, 23.2481 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(172, 172, 119)` looks like.

```
.text, #text, p{  
    color:rgb(172, 172, 119)  
}
```

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(172, 172, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 172, 119) }
```

Border

The CSS property to change the border of an element to XYZ 35.0956, 39.6076, 23.2481 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(172, 172, 119) }
```


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

```
.border{ border-color:rgb(172, 172, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 172, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 172, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 172, 119);  
box-shadow:4px 4px 4px 4px rgb(172, 172,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0956, 39.6076, 23.2481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 172, 119) }
```

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

```
.background{ background-color: rgb(172,  
172, 119) }
```

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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