

Converting Colors

XYZ(36.4230, 39.0107, 40.7278)

Have a look what the booklet for
XYZ(36.4230, 39.0107, 40.7278)
contains.

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Color

**XYZ(36.4059, 39.0556,
40.7416)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A9A4
RGB	165, 169, 164
RGB Percent	65%, 66%, 64%
CMY	0.3529, 0.3372, 0.3569
CMYK	0.02, 0.00, 0.03, 0.34
HSL	108°, 3%, 65%
HSV	108°, 3%, 66%
XYZ	36.4059, 39.0556, 40.7416
YIQ	167.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

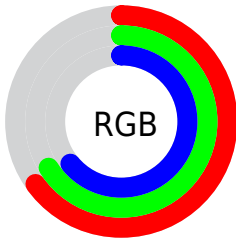
Format	Color
RYB	164, 169, 168
Decimal	10856868
CIELab	68.79, -2.36, 2.07
CIElCh	69, 3.143, 138.739
Yxy	39.0556, 0.3133, 0.3361
Android (android.graphics.Color)	4289046948 (0xFFA5A9A4)
YUV	167.2340, -1.5944, -1.9592
Hunter-Lab	62.4945, -5.3809, 5.0936

Details

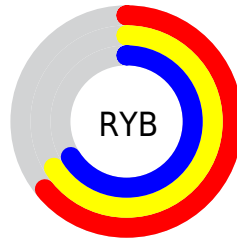
The XYZ color **36.4059, 39.0556, 40.7416** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5867, 37.7413, 42.8945**, and the grayscale version is **36.8534, 38.7726, 42.2234**.

A 20% lighter version of the original color is **68.9570, 73.6414, 77.5976**, and **16.0960, 17.4031, 17.8400** is the 20% darker color. If you saturate the color by 10%, you get **32.3149, 37.1125, 33.1055**, and if you desaturate by 10%, it is **40.9994, 41.2365, 49.4617**.

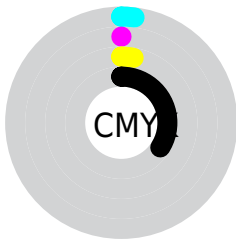
Distribution



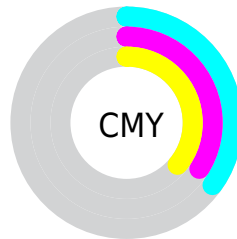
- Red (65%)
- Green (66%)
- Blue (64%)



- Red (64%)
- Yellow (66%)
- Blue (66%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (34%)



- Cyan (35%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4059, 39.0556, 40.7416 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 36.4059, 39.0556, 40.7416 by changing the saturation by 10% instead.

■ 36.4059, 39.0556,
40.7416

■ 36.4059, 39.0556,
40.7416

322.1316,
342.1268, 364.8841

■ 24.9194, 26.8030,
27.7991

■ 68.9779, 73.7232,
77.5409

■ 16.1454, 17.4253,
17.9365

■ 90.7941, 96.9071,
102.2347

■ 9.7186, 10.5382,
10.7354

116.7842,
124.5034, 131.6827

■ 5.2736, 5.7572,
5.7773

147.3137,
156.8967, 166.3034

■ 2.4451, 2.6980,
2.6436

182.7478,
194.4713, 206.5153

■ 0.8676, 0.9762,
0.9148

223.4519,

■ 0.0000, 0.0000,

237.6115, 252.7371

0.0000

269.7914,
286.7019, 305.3871

■ 36.4059, 39.0556,
40.7416

■ 36.4059, 39.0556,
40.7416

■ 32.3149, 37.1125,
33.1055

■ 40.9994, 41.2365,
49.4617

■ 28.7059, 35.3943,
26.5085

■ 46.1083, 43.6577,
59.3030

■ 25.5618, 33.8942,
20.9065

■ 51.7493, 46.3281,
70.3044

■ 22.8635, 32.6034,
16.2511

■ 57.9373, 49.2546,
82.5019

■ 20.5902, 31.5124,
12.4900

■ 64.6865, 52.4437,
95.9300

■ 18.7196, 30.6108,
9.5659

■ 70.2900, 55.2136,
101.5603

■ 17.2272, 29.8875,
7.4146

■ 73.4787, 56.8574,
101.7096

■ 16.0857, 29.3300,
5.9628

■ 15.2637, 28.9240,
5.1230

Harmonies

Analogous

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



36.8144, 39.0556, 39.9800



36.4059, 39.0556, 40.7416



36.1898, 39.0556, 41.9916

Triad

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



36.4059, 39.0556, 40.7416



36.9345, 39.0556, 45.2720



38.0355, 39.0556, 41.6498

Complementary

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



36.4059, 39.0556, 40.7416



36.5867, 37.7413, 42.8945

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.



38.0684, 39.0556, 43.0628



36.4059, 39.0556, 40.7416



37.4297, 39.0556, 45.1755

Square

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



36.4059, 39.0556, 40.7416



36.4932, 39.0556, 44.6202



37.8458, 39.0556, 44.3595



37.7564, 39.0556, 40.4963

Rectangle

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



36.4059, 39.0556, 40.7416



36.1826, 39.0556, 42.9430



37.8458, 39.0556, 44.3595



38.0758, 39.0556, 42.1095

Sweetspot

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



36.4070, 39.0573, 40.7425



66.7259, 70.6705, 75.8426



37.0672, 39.1224, 40.7202



14.5533, 15.4078, 16.5493



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.



36.4070, 39.0573, 40.7425



64.3413, 69.5382, 71.3493



36.3361, 39.0050, 41.4509



8.0027, 8.6821, 8.8323



11.0972, 21.4181, 3.5492



0.3083, 0.5409, 0.0881

Inverse Universe

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



36.5867, 37.7413, 42.8945



64.7808, 66.3202, 76.6119



36.6604, 37.7954, 42.1666



8.0652, 8.2244, 9.5807



12.8533, 6.0095, 28.4580



0.3491, 0.1650, 0.6941

Previews

White Background



This preview shows how the XYZ color 36.4059, 39.0556, 40.7416 looks on a white background.

Color Contrast Check

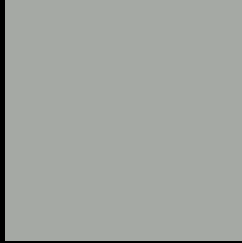
Large Text (above 18pt) WCAG AA × Fail

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 36.4059, 39.0556, 40.7416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

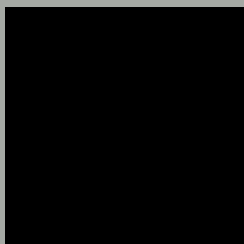
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

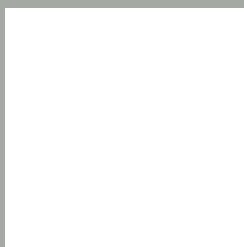
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4059, 39.0556, 40.7416

Background



This preview shows how black text looks on a background with the XYZ color 36.4059, 39.0556, 40.7416.



This preview shows how white text looks on a background with the XYZ color 36.4059, 39.0556,

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

36.4059, 39.0556, 40.7416

Protanopia

37.4428, 39.0524, 40.2148

Deuteranopia

39.7194, 38.8716, 41.0068



Tritanopia

37.9933, 39.1482, 48.7339

Trichromacy



Original Color

36.4059, 39.0556, 40.7416

Protanomaly

36.9757, 39.0846, 40.2456

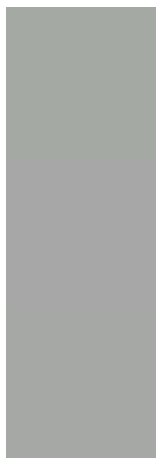
Deuteranomaly

38.6068, 39.0919, 41.1080

Tritanomaly

37.3685, 39.1682, 45.6351

Monochromacy



Original Color

36.4059, 39.0556, 40.7416

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.6115, 38.8654, 41.6485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4059, 39.0556, 40.7416 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(165, 169, 164)` looks like.

```
.text, #text, p{  
    color:rgb(165, 169, 164)  
}
```

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(165, 169, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 169, 164) }
```

Border

The CSS property to change the border of an element to XYZ 36.4059, 39.0556, 40.7416 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(165, 169, 164) }
```


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

```
.border{ border-color:rgb(165, 169, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 169, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 169, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 169, 164);  
box-shadow:4px 4px 4px 4px rgb(165, 169,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4059, 39.0556, 40.7416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 169, 164) }
```

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

```
.background{ background-color: rgb(165,  
169, 164) }
```

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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