

Converting Colors

XYZ(36.6577, 39.5421, 40.5633)

Have a look what the booklet for
XYZ(36.6577, 39.5421, 40.5633)
contains.

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Color

**XYZ(36.5026, 39.3931,
40.3301)**

Conversions

Conversions Part 1

Format	Color
Hex	A5AAA3
RGB	165, 170, 163
RGB Percent	65%, 67%, 64%
CMY	0.3529, 0.3333, 0.3608
CMYK	0.03, 0.00, 0.04, 0.33
HSL	103°, 4%, 65%
HSV	103°, 4%, 67%
XYZ	36.5026, 39.3931, 40.3301
YIQ	167.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

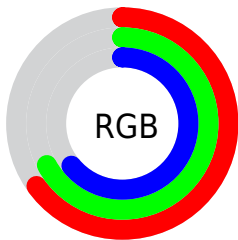
Format	Color
RYB	163, 170, 168
Decimal	10857123
CIELab	69.04, -3.09, 2.98
CIELCh	69, 4.293, 136.054
Yxy	39.3931, 0.3141, 0.3389
Android (android.graphics.Color)	4289047203 (0xFFA5AAA3)
YUV	167.7070, -2.3206, -2.3740
Hunter-Lab	62.7639, -6.0238, 5.8369

Details

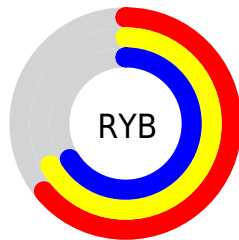
The XYZ color **36.5026, 39.3931, 40.3301** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5029, 37.4226, 43.3316**, and the grayscale version is **37.0880, 39.0194, 42.4922**.

A 20% lighter version of the original color is **69.0953, 74.1280, 76.9961**, and **16.1577, 17.6153, 17.5874** is the 20% darker color. If you saturate the color by 10%, you get **32.6733, 37.5845, 32.7270**, and if you desaturate by 10%, it is **40.7788, 41.4107, 49.0247**.

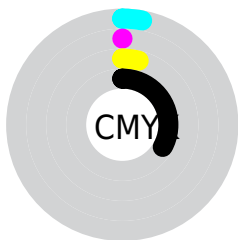
Distribution



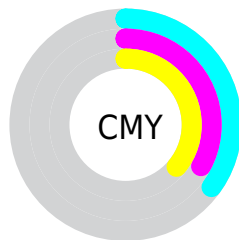
- Red (65%)
- Green (67%)
- Blue (64%)



- Red (64%)
- Yellow (67%)
- Blue (66%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (33%)



- Cyan (35%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5026, 39.3931, 40.3301 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 36.5026, 39.3931, 40.3301 by changing the saturation by 10% instead.

■ 36.5026, 39.3931,
40.3301

■ 36.5026, 39.3931,
40.3301

322.5451,
343.5589, 363.1063

■ 24.9945, 27.0657,
27.4803

■ 69.1259, 74.2385,
76.9085

■ 16.2017, 17.6225,
17.6986

■ 90.9719, 97.5252,
101.4741

■ 9.7587, 10.6793,
10.5666

116.9945,
125.2338, 130.7821

■ 5.3003, 5.8517,
5.6658

147.5591,
157.7487, 165.2510

■ 2.4611, 2.7551,
2.5774

183.0312,
195.4542, 205.2993

■ 0.8757, 1.0052,
0.8808

223.7759,

■ 0.0000, 0.0000,

238.7349, 251.3456

0.0000

270.1588,
287.9749, 303.8085

■ 36.5026, 39.3931,
40.3301

■ 36.5026, 39.3931,
40.3301

■ 32.6733, 37.5845,
32.7270

■ 40.7788, 41.4107,
49.0247

■ 29.2730, 35.9732,
26.1697

■ 45.5128, 43.6386,
58.8489

■ 26.2871, 34.5538,
20.6133

■ 50.7190, 46.0846,
69.8421

■ 23.6990, 33.3188,
16.0085

■ 56.4104, 48.7545,
82.0409

■ 21.4910, 32.2603,
12.3018

■ 62.5991, 51.6538,
95.4805

■ 19.6438, 31.3696,
9.4343

■ 67.6442, 54.1269,
101.4900

■ 18.1365, 30.6373,
7.3404

■ 71.8583, 56.2993,
101.6873

■ 16.9455, 30.0530,
5.9445

■ 73.6655, 57.2310,
101.7718

■ 16.0437, 29.6046,
5.1558

Harmonies

Analogous

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



37.0793, 39.3931, 39.3721



36.5026, 39.3931, 40.3301



36.1795, 39.3931, 41.9906

Triad

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



36.5026, 39.3931, 40.3301



37.1257, 39.3931, 46.6544



38.7207, 39.3931, 41.8588

Complementary

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



36.5026, 39.3931, 40.3301



36.5029, 37.4226, 43.3316

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.



38.7335, 39.3931, 43.8070



36.5026, 39.3931, 40.3301



37.8070, 39.3931, 46.6165

Square

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



36.5026, 39.3931, 40.3301



36.5363, 39.3931, 45.6631



38.3973, 39.3931, 45.5610



38.3625, 39.3931, 40.2361

Rectangle

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



36.5026, 39.3931, 40.3301



36.1487, 39.3931, 43.2910



38.3973, 39.3931, 45.5610



38.7657, 39.3931, 42.4962

Sweetspot

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



36.5037, 39.3948, 40.3310



68.5464, 72.5677, 77.8487



37.1742, 39.1604, 40.2504



15.2956, 16.1874, 17.3798



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.



36.5037, 39.3948, 40.3310



65.5186, 71.1387, 71.7467



36.2172, 39.2325, 40.9763



7.9512, 8.6591, 8.6687



11.5386, 21.6456, 3.5699



0.3302, 0.5521, 0.0892

Inverse Universe

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



36.5029, 37.4226, 43.3316



65.5168, 66.7449, 78.4318



36.8001, 37.5911, 42.6575



7.9510, 8.0748, 9.5579



11.2419, 5.1788, 28.3826



0.3200, 0.1500, 0.6927

Previews

White Background



This preview shows how the XYZ color 36.5026, 39.3931, 40.3301 looks on a white background.

Color Contrast Check

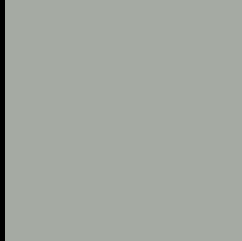
Large Text (above 18pt) WCAG AA × Fail

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 36.5026, 39.3931, 40.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

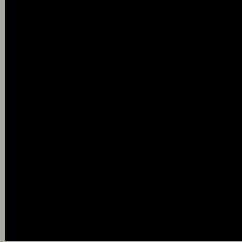
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

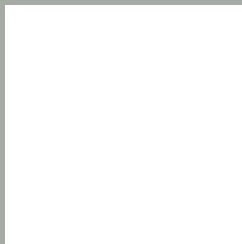
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5026, 39.3931, 40.3301

Background



This preview shows how black text looks on a background with the XYZ color 36.5026, 39.3931, 40.3301.



This preview shows how white text looks on a background with the XYZ color 36.5026, 39.3931,

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

36.5026, 39.3931, 40.3301

Protanopia

37.7578, 39.4981, 39.8163

Deuteranopia

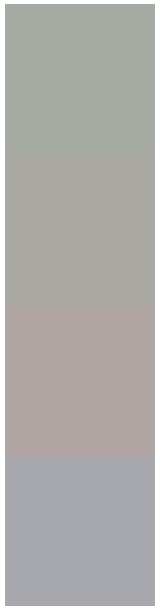
40.0477, 39.3138, 40.5995



Tritanopia

38.3077, 39.2985, 49.2824

Trichromacy



Original Color

36.5026, 39.3931, 40.3301

Protanomaly

37.2871, 39.5306, 39.8473

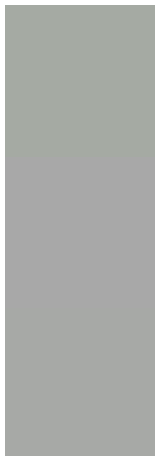
Deuteranomaly

38.6972, 39.4177, 40.6908

Tritanomaly

37.5790, 39.2767, 45.6449

Monochromacy



Original Color

36.5026, 39.3931, 40.3301

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.0073, 39.3446, 41.7202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5026, 39.3931, 40.3301 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, 170, 163)` looks like.

```
.text, #text, p{  
    color:rgb(165, 170, 163)  
}
```

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, 170, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 170, 163) }
```

Border

The CSS property to change the border of an element to XYZ 36.5026, 39.3931, 40.3301 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, 170, 163) }
```


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

```
.border{ border-color:rgb(165, 170, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 170, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 170, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 170, 163);  
box-shadow:4px 4px 4px 4px rgb(165, 170,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5026, 39.3931, 40.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 170, 163) }
```

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

```
.background{ background-color: rgb(165,  
170, 163) }
```

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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