

Converting Colors

XYZ(36.5946, 35.8492, 35.0946)

Have a look what the booklet for
XYZ(36.5946, 35.8492, 35.0946)
contains.

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Color

**XYZ(36.6943, 35.9006,
35.1325)**

Conversions

Conversions Part 1

Format	Color
Hex	B59C99
RGB	181, 156, 153
RGB Percent	71%, 61%, 60%
CMY	0.2902, 0.3882, 0.4000
CMYK	0.00, 0.14, 0.15, 0.29
HSL	6°, 16%, 65%
HSV	6°, 15%, 71%
XYZ	36.6943, 35.9006, 35.1325
YIQ	163.1330, 15.8630, 4.3670

Conversions

Conversions Part 2

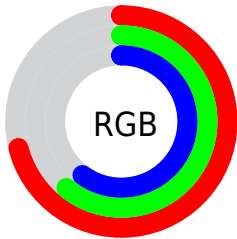
Format	Color
RYB	181, 156, 153
Decimal	11902105
CIELab	66.44, 8.71, 4.97
CIElCh	66, 10.030, 29.693
Yxy	35.9006, 0.3406, 0.3333
Android (android.graphics.Color)	4290092185 (0xFFB59C99)
YUV	163.1330, -4.9956, 15.6694
Hunter-Lab	59.9171, 4.4616, 7.1772

Details

The XYZ color **36.6943, 35.9006, 35.1325** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3975, 41.9484, 49.8422**, and the grayscale version is **34.8940, 36.7112, 39.9785**.

A 20% lighter version of the original color is **69.4818, 69.0981, 68.7067**, and **16.3519, 15.6517, 14.7296** is the 20% darker color. If you saturate the color by 10%, you get **32.7780, 30.2815, 27.0025**, and if you desaturate by 10%, it is **41.2001, 42.3351, 44.5787**.

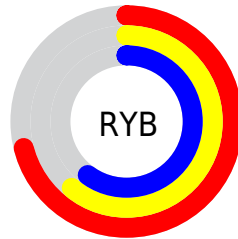
Distribution



Red (71%)

Green (61%)

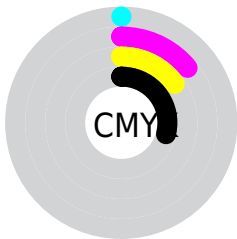
Blue (60%)



Red (71%)

Yellow (61%)

Blue (60%)

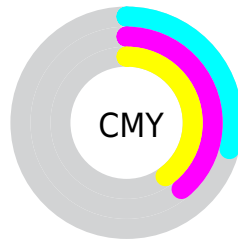


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (29%)



Cyan (29%)


Magenta (39%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6943, 35.9006, 35.1325 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 36.6943, 35.9006, 35.1325 by changing the saturation by 10% instead.


 36.6943, 35.9006,
35.1325


 36.6943, 35.9006,
35.1325


323.3637,
328.5259, 340.0748

 25.1435, 24.3574,
23.4806


 69.4193, 68.8786,
68.8449

 16.3133, 15.5990,
14.7401


 91.3241, 91.0823,
91.7424

 9.8384, 9.2408,
8.4926


117.4110,
117.6082, 119.2256

 5.3534, 4.8986,
4.3195

148.0453,
148.8408, 151.7129

 2.4929, 2.1879,
1.8022

183.5924,
185.1645, 189.6230

 0.8917, 0.7134,
0.4294

224.4175,

 0.0000, 0.0000,

226.9636, 233.3743

0.0000

270.8862,
274.6226, 283.3854

■ 36.6943, 35.9006,
35.1325

■ 36.6943, 35.9006,
35.1325

■ 32.7780, 30.2815,
27.0025

■ 41.2001, 42.3351,
44.5787

■ 29.4239, 25.4405,
20.1281

■ 46.3154, 49.6107,
55.3935

■ 26.6070, 21.3449,
14.4472

■ 52.0628, 57.7580,
67.6292

■ 24.2993, 17.9575,
9.8918

■ 58.4629, 66.8044,
81.3348

■ 22.4700, 15.2380,
6.3868

■ 65.5353, 76.7764,
96.5569

■ 21.0851, 13.1421,
3.8479

■ 72.2176, 87.2667,
107.6456

■ 20.1061, 11.6198,
2.1781

■ 72.8662, 88.5638,
107.8618

■ 19.4870, 10.6136,
1.2570

■ 19.2962, 10.3037,
0.9718

Harmonies

Analogous

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



37.0939, 35.9006, 39.1340



36.6943, 35.9006, 35.1325



35.6013, 35.9006, 32.3724

Triad

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



36.6943, 35.9006, 35.1325



31.6884, 35.9006, 35.0610



34.1070, 35.9006, 47.9615

Complementary

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



36.6943, 35.9006, 35.1325



37.3975, 41.9484, 49.8422

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.



32.6851, 35.9006, 46.6772



36.6943, 35.9006, 35.1325



31.3141, 35.9006, 39.0453

Square

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



36.6943, 35.9006, 35.1325



32.7112, 35.9006, 32.3333



31.6737, 35.9006, 43.3333



35.5737, 35.9006, 46.7272

Rectangle

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



36.6943, 35.9006, 35.1325



34.6420, 35.9006, 31.5008



31.6737, 35.9006, 43.3333



33.6081, 35.9006, 47.8088

Sweetspot

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



36.6953, 35.9022, 35.1333



74.1209, 76.2951, 80.5400



38.5037, 35.8291, 47.1116



15.8915, 16.3068, 17.1367



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.6953, 35.9022, 35.1333



62.8980, 60.2568, 57.0457



39.1435, 40.7986, 35.9493



8.5673, 8.6471, 8.8700



13.3283, 7.1552, 0.6786



0.4430, 0.2725, 0.0292

Inverse Universe

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



37.3975, 41.9484, 49.8422



64.4258, 73.4184, 89.0702



34.7891, 36.7315, 48.9727



8.6633, 9.4727, 10.8781



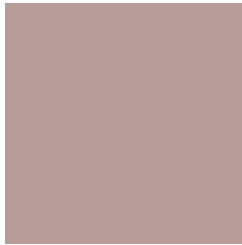
14.6371, 20.0746, 33.2403



0.4827, 0.6759, 1.0533

Previews

White Background



This preview shows how the XYZ color 36.6943, 35.9006, 35.1325 looks on a white background.

Color Contrast Check

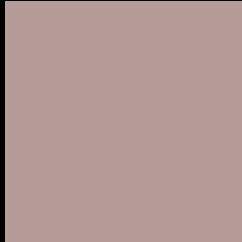
Large Text (above 18pt) WCAG AA × Fail

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 36.6943, 35.9006, 35.1325 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 36.6943, 35.9006, 35.1325

Background



This preview shows how black text looks on a background with the XYZ color 36.6943, 35.9006, 35.1325.



This preview shows how white text looks on a background with the XYZ color 36.6943, 35.9006,

35.1325.

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

36.6943, 35.9006, 35.1325

Protanopia

34.4715, 35.9970, 36.5838

Deuteranopia

36.6943, 35.9006, 35.1325



Tritanopia

37.9670, 35.9317, 41.0108

Trichromacy



Original Color

36.6943, 35.9006, 35.1325

Protanomaly

35.1091, 35.8208, 36.0740

Deuteranomaly

36.6943, 35.9006, 35.1325

Tritanomaly

37.4458, 35.9610, 38.6858

Monochromacy



Original Color

36.6943, 35.9006, 35.1325

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.4064, 36.1909, 37.9203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6943, 35.9006, 35.1325 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(181, 156, 153)` looks like.

```
.text, #text, p{  
    color:rgb(181, 156, 153)  
}
```

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(181, 156, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 156, 153) }
```

Border

The CSS property to change the border of an element to XYZ 36.6943, 35.9006, 35.1325 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(181, 156, 153) }
```


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

```
.border{ border-color:rgb(181, 156, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 156, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 156, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 156, 153);  
box-shadow:4px 4px 4px 4px rgb(181, 156,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6943, 35.9006, 35.1325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 156, 153) }
```

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

```
.background{ background-color: rgb(181,  
156, 153) }
```

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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