

Converting Colors

XYZ(35.9427, 35.2175, 32.5317)

Have a look what the booklet for
XYZ(35.9427, 35.2175, 32.5317)
contains.

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Color

**XYZ(36.0439, 35.3730,
32.5317)**

Conversions

Conversions Part 1

Format	Color
Hex	B59B93
RGB	181, 155, 147
RGB Percent	71%, 61%, 58%
CMY	0.2902, 0.3921, 0.4235
CMYK	0.00, 0.14, 0.19, 0.29
HSL	14°, 19%, 64%
HSV	14°, 19%, 71%
XYZ	36.0439, 35.3730, 32.5317
YIQ	161.8620, 18.0640, 3.0240

Conversions

Conversions Part 2

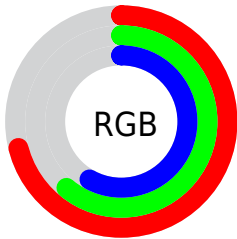
Format	Color
R_{YB}	181, 157, 147
Decimal	11901843
CIE Lab	66.04, 8.30, 7.74
CIE LCh	66, 11.348, 43.009
Yxy	35.3730, 0.3467, 0.3403
Android (android.graphics.Color)	4290091923 (0xFFB59B93)
YUV	161.8620, -7.3270, 16.7840
Hunter-Lab	59.4752, 4.0952, 9.2022

Details

The XYZ color **36.0439, 35.3730, 32.5317** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.3165, 39.4256, 49.4650**, and the grayscale version is **34.3061, 36.0927, 39.3050**.

A 20% lighter version of the original color is **68.2681, 67.8225, 64.7513**, and **15.9637, 15.3344, 13.1848** is the 20% darker color. If you saturate the color by 10%, you get **32.5613, 30.5046, 24.9062**, and if you desaturate by 10%, it is **40.0159, 40.8620, 41.4237**.

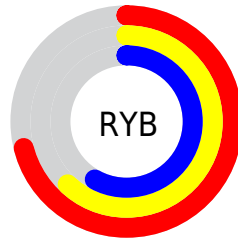
Distribution



Red (71%)

Green (61%)

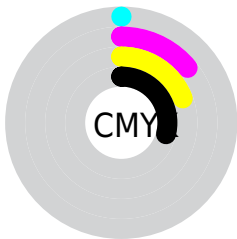
Blue (58%)



Red (71%)

Yellow (62%)

Blue (58%)

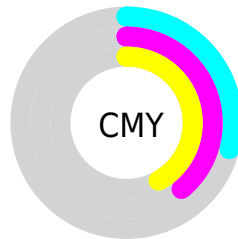


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (29%)



Cyan (29%)


Magenta (39%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0439, 35.3730, 32.5317 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 36.0439, 35.3730, 32.5317 by changing the saturation by 10% instead.


 36.0439, 35.3730,
32.5317


 36.0439, 35.3730,
32.5317


320.5803,
326.2117, 328.1013

 24.6384, 23.9503,
21.4998


 68.4232, 68.0632,
64.7513

 15.9351, 15.2968,
13.2950


 90.1278, 90.0995,
86.7760

 9.5688, 9.0279,
7.4989


115.9960,
116.4426, 113.3020

 5.1741, 4.7594,
3.6929

146.3933,
147.4766, 144.7480

 2.3856, 2.1068,
1.4584

181.6850,
183.5862, 181.5323

 0.8379, 0.6684,
0.1867

222.2365,

 0.0000, 0.0000,

225.1556, 224.0736

0.0000

268.4132,
272.5693, 272.7904

■ 36.0439, 35.3730,
32.5317

■ 36.0439, 35.3730,
32.5317

■ 32.5613, 30.5046,
24.9062

■ 40.0159, 40.8620,
41.4237

■ 29.5460, 26.2301,
18.4872

■ 44.4927, 46.9876,
51.6342

■ 26.9783, 22.5278,
13.2130

■ 49.4924, 53.7713,
63.2148

■ 24.8359, 19.3730,
9.0156

■ 55.0315, 61.2319,
76.2137

■ 23.0947, 16.7390,
5.8196

■ 61.1257, 69.3876,
90.6770

■ 21.7278, 14.5969,
3.5401

■ 67.6929, 78.2171,
106.1374

■ 20.7047, 12.9144,
2.0774

■ 71.8793, 86.5899,
107.5328

■ 19.9798, 11.6516,
1.2591

■ 72.8663, 88.5639,
107.8618

■ 19.9059, 11.5231,
1.1750

Harmonies

Analogous

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



36.8744, 35.3730, 36.4660



36.0439, 35.3730, 32.5317



34.5758, 35.3730, 30.3126

Triad

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



36.0439, 35.3730, 32.5317



30.6195, 35.3730, 35.8692



34.3549, 35.3730, 48.2718

Complementary

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



36.0439, 35.3730, 32.5317



35.3165, 39.4256, 49.4650

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.



32.6839, 35.3730, 48.0782



36.0439, 35.3730, 32.5317



30.5648, 35.3730, 40.6398

Square

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



36.0439, 35.3730, 32.5317



31.4611, 35.3730, 32.1263



31.3091, 35.3730, 45.1907



35.8775, 35.3730, 45.6994

Rectangle

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



36.0439, 35.3730, 32.5317



33.4514, 35.3730, 29.9797



31.3091, 35.3730, 45.1907



33.7912, 35.3730, 48.5340

Sweetspot

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



36.0449, 35.3746, 32.5324



73.7288, 76.0132, 78.8607



37.0395, 33.7114, 44.1242



15.8284, 16.2824, 16.8017



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.



36.0449, 35.3746, 32.5324



61.5787, 59.2075, 51.7064



39.0628, 41.4105, 33.5384



8.6534, 8.8193, 8.8987



13.7682, 8.0349, 0.8252



0.4785, 0.3434, 0.0411

Inverse Universe

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



35.3165, 39.4256, 49.4650



60.0043, 67.9445, 88.2466



32.2732, 33.3391, 48.4506



8.5698, 9.2857, 10.8470



12.1094, 15.0191, 32.3977



0.4223, 0.5551, 1.0331

Previews

White Background



This preview shows how the XYZ color 36.0439, 35.3730, 32.5317 looks on a white background.

Color Contrast Check

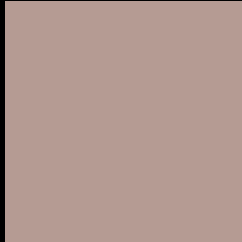
Large Text (above 18pt) WCAG AA × Fail

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 36.0439, 35.3730, 32.5317 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 36.0439, 35.3730, 32.5317

Background



This preview shows how black text looks on a background with the XYZ color 36.0439, 35.3730, 32.5317.



This preview shows how white text looks on a background with the XYZ color 36.0439, 35.3730,

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

36.0439, 35.3730, 32.5317

Protanopia

33.8017, 35.4506, 33.9153

Deuteranopia

36.0439, 35.3730, 32.5317



Tritanopia

37.4575, 35.2041, 39.9428

Trichromacy



Original Color

36.0439, 35.3730, 32.5317

Protanomaly

34.4463, 35.2816, 33.4283

Deuteranomaly

36.0439, 35.3730, 32.5317

Tritanomaly

36.8542, 35.1962, 37.1989

Monochromacy



Original Color

36.0439, 35.3730, 32.5317

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.8461, 35.6656, 36.9459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0439, 35.3730, 32.5317 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, 155, 147)` looks like.

```
.text, #text, p{  
    color:rgb(181, 155, 147)  
}
```

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, 155, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 155, 147) }
```

Border

The CSS property to change the border of an element to XYZ 36.0439, 35.3730, 32.5317 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, 155, 147) }
```


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

```
.border{ border-color:rgb(181, 155, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 155, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 155, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 155, 147);  
box-shadow:4px 4px 4px 4px rgb(181, 155,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0439, 35.3730, 32.5317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 155, 147) }
```

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

```
.background{ background-color: rgb(181,  
155, 147) }
```

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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