

Converting Colors

XYZ(36.4519, 35.5268, 39.7200)

Have a look what the booklet for
XYZ(36.4519, 35.5268, 39.7200)
contains.

XYZ(36.4637, 35.4341, 39.5680)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.4637, 35.4341,
39.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	B19BA3
RGB	177, 155, 163
RGB Percent	69%, 61%, 64%
CMY	0.3059, 0.3921, 0.3608
CMYK	0.00, 0.12, 0.08, 0.31
HSL	338°, 12%, 65%
HSV	338°, 12%, 69%
XYZ	36.4637, 35.4341, 39.5680
YIQ	162.4900, 10.5440, 7.1520

Conversions

Conversions Part 2

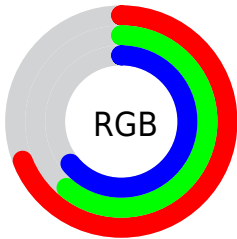
Format	Color
RYB	177, 155, 163
Decimal	11639715
CIELab	66.09, 9.49, -1.20
CIELCh	66, 9.569, 352.821
Yxy	35.4341, 0.3271, 0.3179
Android (android.graphics.Color)	4289829795 (0xFFB19BA3)
YUV	162.4900, 0.2514, 12.7253
Hunter-Lab	59.5265, 5.1709, 2.2578

Details

The XYZ color **36.4637, 35.4341, 39.5680** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4025, 41.2784, 43.5870**, and the grayscale version is **34.5687, 36.3690, 39.6058**.

A 20% lighter version of the original color is **69.0596, 67.9865, 75.8125**, and **16.1317, 15.3334, 17.1483** is the 20% darker color. If you saturate the color by 10%, you get **32.7665, 29.5835, 33.5757**, and if you desaturate by 10%, it is **40.6846, 42.1874, 46.1793**.

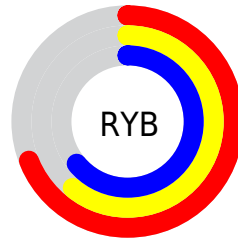
Distribution



Red (69%)

Green (61%)

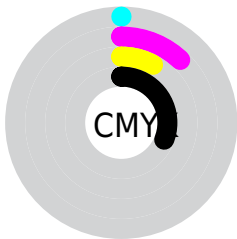
Blue (64%)



Red (69%)

Yellow (61%)

Blue (64%)

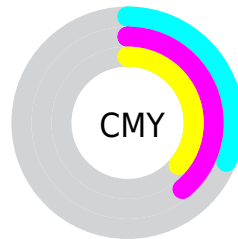


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (31%)



Cyan (31%)


Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4637, 35.4341, 39.5680 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 36.4637, 35.4341, 39.5680 by changing the saturation by 10% instead.


 36.4637, 35.4341,
39.5680


 36.4637, 35.4341,
39.5680


322.3788,
326.4803, 359.7972

 24.9643, 23.9975,
26.8907


 69.0664, 68.1577,
75.7351

 16.1790, 15.3317,
17.2594


 90.9004, 90.2135,
100.0620

 9.7426, 9.0525,
10.2557


116.9099,
116.5777, 129.1090

 5.2896, 4.7755,
5.4610

147.4604,
147.6349, 163.2949

 2.4546, 2.1161,
2.4568

182.9172,
183.7693, 203.0381

 0.8724, 0.6737,
0.8171

223.6456,

 0.0000, 0.0000,

225.3654, 248.7572

0.0000

270.0110,
272.8076, 300.8707

■ 36.4637, 35.4341,
39.5680

■ 36.4637, 35.4341,
39.5680

■ 32.7665, 29.5835,
33.5757

■ 40.6846, 42.1874,
46.1793

■ 29.5691, 24.5925,
28.1817

■ 45.4461, 49.8748,
53.4252

■ 26.8498, 20.4215,
23.3673

■ 50.7678, 58.5318,
61.3233

■ 24.5844, 17.0261,
19.1117

■ 56.6677, 68.1908,
69.8898

■ 22.7463, 14.3575,
15.3930

■ 63.1628, 78.8826,
79.1406

■ 21.3061, 12.3612,
12.1875

■ 68.2580, 86.6137,
88.4202

■ 20.2303, 10.9750,
9.4695

■ 69.8973, 87.2695,
97.0528

■ 19.4795, 10.1250,
7.2101

■ 71.6409, 87.9669,
106.2342

■ 19.0671, 9.7214,
5.7743

■ 71.9417, 88.0872,
107.8186

Harmonies

Analogous

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



35.9036, 35.4341, 43.5070



36.4637, 35.4341, 39.5680



36.2611, 35.4341, 35.6252

Triad

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



36.4637, 35.4341, 39.5680



32.6302, 35.4341, 31.8084



32.0545, 35.4341, 45.1592

Complementary

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



36.4637, 35.4341, 39.5680



36.4025, 41.2784, 43.5870

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.



31.2226, 35.4341, 41.6974



36.4637, 35.4341, 39.5680



31.5484, 35.4341, 34.0429

Square

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



36.4637, 35.4341, 39.5680



34.0217, 35.4341, 31.3262



31.0399, 35.4341, 37.6119



33.3387, 35.4341, 46.8791

Rectangle

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



36.4637, 35.4341, 39.5680



35.7234, 35.4341, 33.5029



31.0399, 35.4341, 37.6119



31.7142, 35.4341, 44.1495

Sweetspot

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



36.4647, 35.4357, 39.5688



71.5583, 73.4582, 80.6850



36.0063, 35.0463, 46.4625



15.3820, 15.7177, 17.2905



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



36.4647, 35.4357, 39.5688



63.3396, 60.3381, 67.7187



36.2646, 36.1462, 36.0777



8.6198, 8.5546, 9.4963



13.8415, 7.0542, 4.3254



0.4641, 0.2334, 0.2868

Inverse Universe

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



36.4647, 35.4357, 39.5688



63.3396, 60.3381, 67.7187



36.6035, 40.4418, 47.4724



8.6198, 8.5546, 9.4963



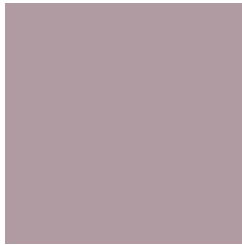
13.8415, 7.0542, 4.3254



0.4641, 0.2334, 0.2868

Previews

White Background



This preview shows how the XYZ color 36.4637, 35.4341, 39.5680 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 36.4637, 35.4341, 39.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

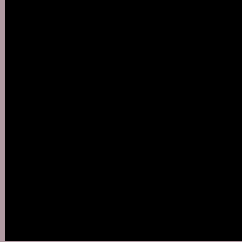
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4637, 35.4341, 39.5680

Background



This preview shows how black text looks on a background with the XYZ color 36.4637, 35.4341, 39.5680.



This preview shows how white text looks on a background with the XYZ color 36.4637, 35.4341,

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

36.4637, 35.4341, 39.5680

Protanopia

34.3540, 35.5762, 41.1326

Deuteranopia

36.1785, 35.5352, 39.6025



Tritanopia

36.6621, 35.2483, 41.4305

Trichromacy



Original Color

36.4637, 35.4341, 39.5680

Protanomaly

34.9547, 35.3858, 40.5851

Deuteranomaly

36.4038, 35.6514, 39.6130

Tritanomaly

36.5700, 35.2115, 40.9454

Monochromacy



Original Color

36.4637, 35.4341, 39.5680

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.8561, 35.6204, 39.2207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4637, 35.4341, 39.5680 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(177, 155, 163)` looks like.

```
.text, #text, p{  
    color:rgb(177, 155, 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(177, 155, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 155, 163) }
```

Border

The CSS property to change the border of an element to XYZ 36.4637, 35.4341, 39.5680 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(177, 155, 163) }
```


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

```
.border{ border-color:rgb(177, 155, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 155, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 155, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 155, 163);  
box-shadow:4px 4px 4px 4px rgb(177, 155,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4637, 35.4341, 39.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 155, 163) }
```

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

```
.background{ background-color: rgb(177,  
155, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor