

Converting Colors

XYZ(35.4117, 35.8682, 43.6035)

Have a look what the booklet for
XYZ(35.4117, 35.8682, 43.6035)
contains.

XYZ(35.2659, 35.7359, 43.5671)	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(35.2659, 35.7359,
43.5671)**

Conversions

Conversions Part 1

Format	Color
Hex	A59FAB
RGB	165, 159, 171
RGB Percent	65%, 62%, 67%
CMY	0.3529, 0.3765, 0.3294
CMYK	0.04, 0.07, 0.00, 0.33
HSL	270°, 7%, 65%
HSV	270°, 7%, 67%
XYZ	35.2659, 35.7359, 43.5671
YIQ	162.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

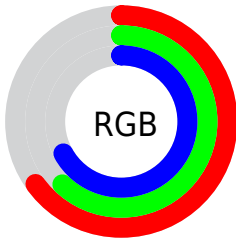
Format	Color
RYB	165, 159, 171
Decimal	10854315
CIELab	66.32, 4.47, -5.45
CIElCh	66, 7.049, 309.359
Yxy	35.7359, 0.3078, 0.3119
Android (android.graphics.Color)	4289044395 (0xFFA59FAB)
YUV	162.1620, 4.3571, 2.4889
Hunter-Lab	59.7795, 0.6889, -1.3647

Details

The XYZ color **35.2659, 35.7359, 43.5671** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3393, 39.6293, 38.5366**, and the grayscale version is **34.3998, 36.1912, 39.4123**.

A 20% lighter version of the original color is **67.2892, 68.7998, 81.6847**, and **15.5024, 15.5677, 19.6406** is the 20% darker color. If you saturate the color by 10%, you get **30.8070, 29.3706, 42.5740**, and if you desaturate by 10%, it is **40.2527, 42.9792, 44.7029**.

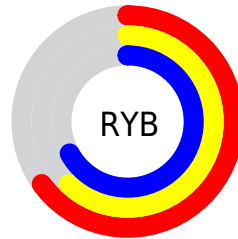
Distribution



Red (65%)

Green (62%)

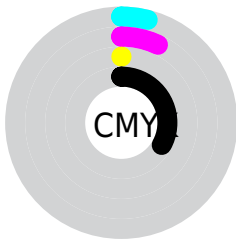
Blue (67%)



Red (65%)

Yellow (62%)

Blue (67%)

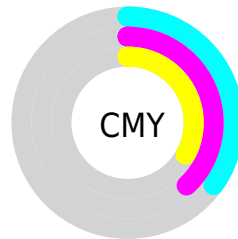


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (33%)



Cyan (35%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2659, 35.7359, 43.5671 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 35.2659, 35.7359, 43.5671 by changing the saturation by 10% instead.

■ 35.2659, 35.7359,
43.5671

■ 35.2659, 35.7359,
43.5671

317.2279,
327.8047, 376.9283

■ 24.0352, 24.2303,
29.9956

■ 67.2288, 68.6242,
81.8615

■ 15.4846, 15.5045,
19.5832

■ 88.6917, 90.7758,
107.4214

■ 9.2487, 9.1742,
11.9114

114.2962,
117.2447, 137.8146

■ 4.9622, 4.8550,
6.5616

144.4074,
148.4155, 173.4596

■ 2.2596, 2.1624,
3.1152

179.3909,
184.6725, 214.7750

■ 0.7739, 0.6994,
1.1538

219.6119,

■ 0.0000, 0.0000,

226.4001, 262.1792

0.0000

265.4358,
273.9827, 316.0908

■ 35.2659, 35.7359,
43.5671

■ 35.2659, 35.7359,
43.5671

■ 30.8070, 29.3706,
42.5740

■ 40.2527, 42.9792,
44.7029

■ 26.8539, 23.8443,
41.7157

■ 45.7821, 51.1284,
45.9844

■ 23.3875, 19.1218,
40.9869

■ 51.8722, 60.2158,
47.4175

■ 20.3863, 15.1638,
40.3811

■ 58.5391, 70.2706,
49.0069

■ 17.8270, 11.9271,
39.8912

■ 65.7985, 81.3209,
50.7572

■ 15.6839, 9.3646,
39.5096

■ 71.5219, 89.1068,
51.9584

■ 13.9284, 7.4230,
39.2273

■ 74.1196, 90.4459,
52.0799

■ 12.5275, 6.0407,
39.0343

■ 76.8508, 91.8539,
52.2078

■ 11.4341, 5.1275,
38.9157

■ 79.7174, 93.3317,
52.3419

Harmonies

Analogous

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



34.2962, 35.7359, 44.9154



35.2659, 35.7359, 43.5671



35.8957, 35.7359, 40.9899

Triad

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



35.2659, 35.7359, 43.5671



34.6845, 35.7359, 33.7333



32.0075, 35.7359, 39.8607

Complementary

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



35.2659, 35.7359, 43.5671



36.3393, 39.6293, 38.5366

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.



32.1066, 35.7359, 36.9023



35.2659, 35.7359, 43.5671



33.6378, 35.7359, 33.4658

Square

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



35.2659, 35.7359, 43.5671



35.5552, 35.7359, 35.3483



32.6982, 35.7359, 34.5978



32.4247, 35.7359, 42.7039

Rectangle

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



35.2659, 35.7359, 43.5671



36.0305, 35.7359, 38.9752



32.6982, 35.7359, 34.5978



31.9817, 35.7359, 38.8455

Sweetspot

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



35.2669, 35.7374, 43.5679



67.4878, 70.2629, 79.0070



35.1413, 37.2950, 43.8751



15.0723, 15.7012, 17.6239



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.



35.2669, 35.7374, 43.5679



62.2149, 62.6424, 77.8140



36.5009, 36.3736, 43.6256



7.9460, 7.9465, 10.0677



8.4595, 3.7209, 29.3169



0.2985, 0.1361, 0.8185

Inverse Universe

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



35.9855, 36.1724, 40.6844



63.7028, 63.5431, 71.8435



35.1600, 39.0214, 38.4814



8.1660, 8.0797, 9.1850



13.9389, 7.0381, 7.3236



0.4154, 0.2069, 0.3493

Previews

White Background



This preview shows how the XYZ color 35.2659, 35.7359, 43.5671 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 35.2659, 35.7359, 43.5671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

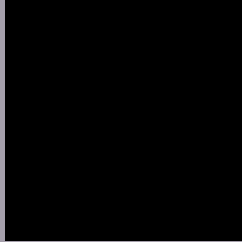
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2659, 35.7359, 43.5671

Background



This preview shows how black text looks on a background with the XYZ color 35.2659, 35.7359, 43.5671.

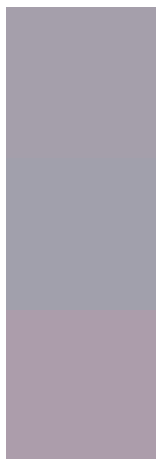


This preview shows how white text looks on a background with the XYZ color 35.2659, 35.7359,

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

35.2659, 35.7359, 43.5671

Protanopia

34.7151, 35.6972, 44.0903

Deuteranopia

36.4209, 35.8249, 43.5234



Tritanopia

35.2659, 35.7359, 43.5671

Trichromacy



Original Color

35.2659, 35.7359, 43.5671

Protanomaly

34.9175, 35.8016, 44.0998

Deuteranomaly

35.9397, 35.8290, 43.5495

Tritanomaly

35.2659, 35.7359, 43.5671

Monochromacy



Original Color

35.2659, 35.7359, 43.5671

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.6407, 35.9929, 40.7189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2659, 35.7359, 43.5671 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, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(165, 159, 171)  
}
```

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, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 159, 171) }
```

Border

The CSS property to change the border of an element to XYZ 35.2659, 35.7359, 43.5671 is called "border". The border property can be set on classes, ids or directly on the HTML element.

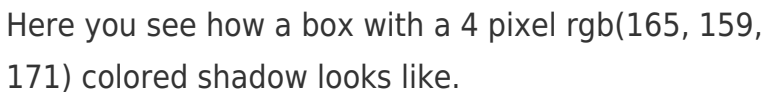
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 159, 171) }
```


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

```
.border{ border-color:rgb(165, 159, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 159, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 159, 171); box-shadow:4px 4px 4px 4px rgb(165, 159, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2659, 35.7359, 43.5671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 159, 171) }
```

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

```
.background{ background-color: rgb(165,  
159, 171) }
```

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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