

Converting Colors

XYZ(35.2571, 36.5920, 39.8550)

Have a look what the booklet for
XYZ(35.2571, 36.5920, 39.8550)
contains.

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Color

**XYZ(35.2571, 36.5920,
39.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A2A3
RGB	166, 162, 163
RGB Percent	65%, 64%, 64%
CMY	0.3490, 0.3647, 0.3608
CMYK	0.00, 0.02, 0.02, 0.35
HSL	345°, 2%, 64%
HSV	345°, 2%, 65%
XYZ	35.2571, 36.5920, 39.8550
YIQ	163.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

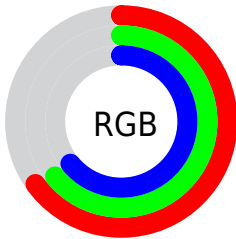
Format	Color
RYB	166, 162, 163
Decimal	10920611
CIELab	66.97, 1.63, -0.01
CIELCh	67, 1.629, 359.473
Yxy	36.5920, 0.3156, 0.3276
Android (android.graphics.Color)	4289110691 (0xFFA6A2A3)
YUV	163.3100, -0.1528, 2.3591
Hunter-Lab	60.4913, -1.8219, 3.2804

Details

The XYZ color **35.2571, 36.5920, 39.8550** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3295, 37.6715, 41.0086**, and the grayscale version is **34.9601, 36.7808, 40.0543**.

A 20% lighter version of the original color is **67.2865, 70.0598, 76.3062**, and **15.3846, 15.8770, 17.2926** is the 20% darker color. If you saturate the color by 10%, you get **31.4621, 30.7011, 33.3510**, and if you desaturate by 10%, it is **39.5502, 43.3021, 47.0686**.

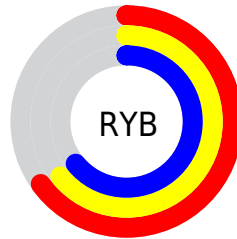
Distribution



Red (65%)

Green (64%)

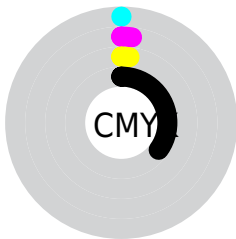
Blue (64%)



Red (65%)

Yellow (64%)

Blue (64%)

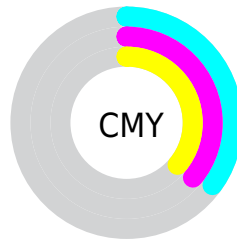


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2571, 36.5920, 39.8550 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 35.2571, 36.5920, 39.8550 by changing the saturation by 10% instead.

■ 35.2571, 36.5920,
39.8550

■ 35.2571, 36.5920,
39.8550

317.1899,
331.5407, 361.0459

■ 24.0284, 24.8918,
27.1126

■ 67.2153, 69.9448,
76.1773

■ 15.4796, 15.9964,
17.4246

■ 88.6755, 92.3662,
100.5943

■ 9.2451, 9.5216,
10.3725

114.2769,
119.1301, 129.7399

■ 4.9598, 5.0830,
5.5378

144.3849,
150.6208, 164.0327

■ 2.2582, 2.2960,
2.5020

179.3649,
187.2229, 203.8911

■ 0.7732, 0.7716,
0.8412

219.5821,

■ 0.0000, 0.0000,

229.3206, 249.7338

0.0000

265.4020,
277.2984, 301.9792

■ 35.2571, 36.5920,
39.8550

■ 35.2571, 36.5920,
39.8550

■ 31.4621, 30.7011,
33.3510

■ 39.5502, 43.3021,
47.0686

■ 28.1440, 25.5933,
27.5326

■ 44.3555, 50.8563,
55.0102

■ 25.2844, 21.2371,
22.3778

■ 49.6905, 59.2842,
63.7004

■ 22.8628, 17.5966,
17.8625

■ 55.5708, 68.6127,
73.1583

■ 20.8568, 14.6334,
13.9612

■ 62.0113, 78.8673,
83.4023

■ 19.2424, 12.3050,
10.6466

■ 66.8832, 85.7859,
93.7357

■ 17.9925, 10.5646,
7.8892

■ 68.7756, 86.5429,
103.7007

■ 17.0768, 9.3584,
5.6568

■ 69.5361, 86.8471,
107.7060

■ 16.4596, 8.6228,
3.9133

Harmonies

Analogous

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



35.1907, 36.5920, 40.5380



35.2571, 36.5920, 39.8550



35.1951, 36.5920, 39.1764

Triad

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



35.2571, 36.5920, 39.8550



34.5462, 36.5920, 38.6690



34.5387, 36.5920, 41.0267

Complementary

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



35.2571, 36.5920, 39.8550



35.3295, 37.6715, 41.0086

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.



34.3674, 36.5920, 40.5160



35.2571, 36.5920, 39.8550



34.3717, 36.5920, 39.1549

Square

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



35.2571, 36.5920, 39.8550



34.7840, 36.5920, 38.4966



34.3064, 36.5920, 39.8299



34.7752, 36.5920, 41.2193

Rectangle

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



35.2571, 36.5920, 39.8550



35.0894, 36.5920, 38.8166



34.3064, 36.5920, 39.8299



34.4716, 36.5920, 40.8862

Sweetspot

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



35.2581, 36.5936, 39.8558



65.0168, 68.0146, 74.0744



35.3215, 36.5948, 41.2789



14.5591, 15.2352, 16.5926



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



35.2581, 36.5936, 39.8558



63.5160, 65.6758, 71.5301



35.3459, 36.9115, 39.4460



8.1047, 8.3480, 9.0919



12.5269, 6.4195, 2.3202



0.3246, 0.1641, 0.1607

Inverse Universe

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



35.2581, 36.5936, 39.8558



63.5160, 65.6758, 71.5301



35.2396, 37.3460, 41.4282



8.1047, 8.3480, 9.0919



12.5269, 6.4195, 2.3202



0.3246, 0.1641, 0.1607

Previews

White Background



This preview shows how the XYZ color 35.2571, 36.5920, 39.8550 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 35.2571, 36.5920, 39.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

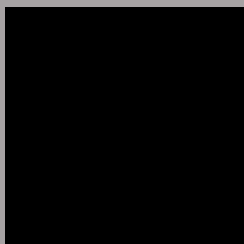
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2571, 36.5920, 39.8550

Background



This preview shows how black text looks on a background with the XYZ color 35.2571, 36.5920, 39.8550.



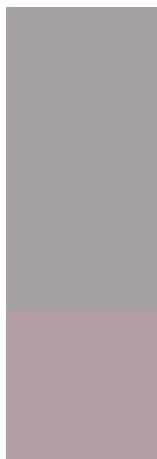
This preview shows how white text looks on a background with the XYZ color 35.2571, 36.5920,

39.8550.

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

35.2571, 36.5920, 39.8550

Protanopia

35.2571, 36.5920, 39.8550

Deuteranopia

37.2878, 36.5990, 40.2210



Tritanopia

36.2621, 36.4836, 44.6660

Trichromacy



Original Color

35.2571, 36.5920, 39.8550

Protanomaly

35.2571, 36.5920, 39.8550

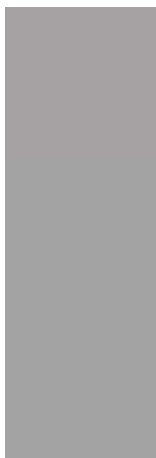
Deuteranomaly

36.5545, 36.4753, 40.2358

Tritanomaly

35.8427, 36.5698, 42.7057

Monochromacy



Original Color

35.2571, 36.5920, 39.8550

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.0179, 36.7312, 39.8945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2571, 36.5920, 39.8550 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(166, 162, 163)` looks like.

```
.text, #text, p{  
    color:rgb(166, 162, 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(166, 162, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 162, 163) }
```

Border

The CSS property to change the border of an element to XYZ 35.2571, 36.5920, 39.8550 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(166, 162, 163) }
```


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

```
.border{ border-color:rgb(166, 162, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 162, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 162, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 162, 163);  
box-shadow:4px 4px 4px 4px rgb(166, 162,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2571, 36.5920, 39.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 162, 163) }
```

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

```
.background{ background-color: rgb(166,  
162, 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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