

Converting Colors

XYZ(35.9230, 35.1661, 39.0786)

Have a look what the booklet for
XYZ(35.9230, 35.1661, 39.0786)
contains.

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Color

**XYZ(35.9221, 35.1653,
39.0767)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9BA2
RGB	175, 155, 162
RGB Percent	69%, 61%, 64%
CMY	0.3137, 0.3921, 0.3647
CMYK	0.00, 0.11, 0.07, 0.31
HSL	339°, 11%, 65%
HSV	339°, 11%, 69%
XYZ	35.9221, 35.1653, 39.0767
YIQ	161.7780, 9.6730, 6.4170

Conversions

Conversions Part 2

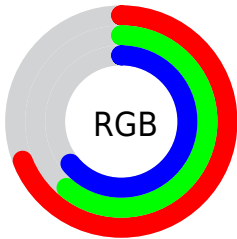
Format	Color
RYB	175, 155, 162
Decimal	11508642
CIELab	65.88, 8.58, -0.96
CIELCh	66, 8.637, 353.609
Yxy	35.1653, 0.3261, 0.3192
Android (android.graphics.Color)	4289698722 (0xFFAF9BA2)
YUV	161.7780, 0.1094, 11.5957
Hunter-Lab	59.3003, 4.3536, 2.4403

Details

The XYZ color **35.9221, 35.1653, 39.0767** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9168, 40.4565, 42.9636**, and the grayscale version is **34.2360, 36.0189, 39.2246**.

A 20% lighter version of the original color is **68.2798, 67.5996, 75.0949**, and **15.7908, 15.1640, 16.8465** is the 20% darker color. If you saturate the color by 10%, you get **32.2523, 29.3712, 33.0878**, and if you desaturate by 10%, it is **40.1075, 41.8432, 45.6898**.

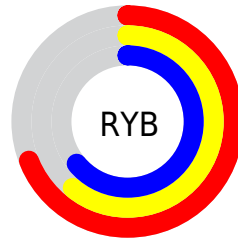
Distribution



Red (69%)

Green (61%)

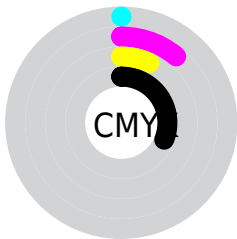
Blue (64%)



Red (69%)

Yellow (61%)

Blue (64%)

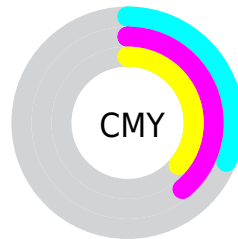


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (31%)



Cyan (31%)


Magenta (39%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9221, 35.1653, 39.0767 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 35.9221, 35.1653, 39.0767 by changing the saturation by 10% instead.


 35.9221, 35.1653,
39.0767


 35.9221, 35.1653,
39.0767


320.0571,
325.2974, 357.6522

 24.5439, 23.7902,
26.5111


 68.2365, 67.7418,
74.9771

 15.8645, 15.1781,
16.9772

 89.9033, 89.7120,
99.1490

 9.5185, 8.9445,
10.0565


115.7304,
115.9826, 128.0268

 5.1407, 4.7050,
5.3303

146.0831,
146.9382, 162.0289

 2.3657, 2.0752,
2.3802

181.3268,
182.9631, 201.5740

 0.8280, 0.6506,
0.7757

221.8268,

 0.0000, 0.0000,

224.4416, 247.0805

0.0000

267.9484,
271.7583, 298.9671

■ 35.9221, 35.1653,
39.0767

■ 35.9221, 35.1653,
39.0767

■ 32.2523, 29.3712,
33.0878

■ 40.1075, 41.8432,
45.6898

■ 29.0746, 24.4193,
27.7020

■ 44.8248, 49.4353,
52.9427

■ 26.3682, 20.2713,
22.9005

■ 50.0934, 57.9761,
60.8533

■ 24.1094, 16.8842,
18.6623

■ 55.9305, 67.4968,
69.4381

■ 22.2724, 14.2109,
14.9653

■ 62.3529, 78.0276,
78.7129

■ 20.8289, 12.1991,
11.7856

■ 67.7591, 86.3619,
88.1540

■ 19.7464, 10.7892,
9.0972

■ 69.4121, 87.0231,
96.8587

■ 18.9871, 9.9106,
6.8712

■ 71.1714, 87.7269,
106.1231

■ 18.5279, 9.4535,
5.2960

■ 71.4893, 87.8540,
107.7974

Harmonies

Analogous

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



35.4382, 35.1653, 42.6119



35.9221, 35.1653, 39.0767



35.7230, 35.1653, 35.5428

Triad

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



35.9221, 35.1653, 39.0767



32.4504, 35.1653, 32.2035



31.9887, 35.1653, 44.2297

Complementary

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



35.9221, 35.1653, 39.0767



35.9168, 40.4565, 42.9636

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.



31.2250, 35.1653, 41.1732



35.9221, 35.1653, 39.0767



31.4868, 35.1653, 34.2689

Square

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



35.9221, 35.1653, 39.0767



33.6975, 35.1653, 31.7207



31.0437, 35.1653, 37.5120



33.1511, 35.1653, 45.7067

Rectangle

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



35.9221, 35.1653, 39.0767



35.2321, 35.1653, 33.6433



31.0437, 35.1653, 37.5120



31.6780, 35.1653, 43.3440

Sweetspot

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



35.9231, 35.1668, 39.0775



70.5483, 72.8855, 79.8259



35.6089, 34.8644, 45.4105



15.5422, 15.9790, 17.5261



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.



35.9231, 35.1668, 39.0775



62.3940, 59.9029, 66.8541



35.8236, 35.9358, 36.0604



8.1166, 8.0599, 8.9250



13.2951, 6.7806, 3.9333



0.3962, 0.1992, 0.2482

Inverse Universe

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



35.9231, 35.1668, 39.0775



62.3940, 59.9029, 66.8541



36.0091, 39.5697, 46.2976



8.1166, 8.0599, 8.9250



13.2951, 6.7806, 3.9333



0.3962, 0.1992, 0.2482

Previews

White Background



This preview shows how the XYZ color 35.9221, 35.1653, 39.0767 looks on a white background.

Color Contrast Check

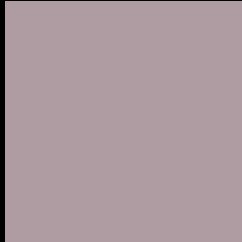
Large Text (above 18pt) WCAG AA × Fail

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 35.9221, 35.1653, 39.0767 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 35.9221, 35.1653, 39.0767

Background



This preview shows how black text looks on a background with the XYZ color 35.9221, 35.1653, 39.0767.



This preview shows how white text looks on a background with the XYZ color 35.9221, 35.1653,

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

35.9221, 35.1653, 39.0767

Protanopia

34.0900, 35.1943, 40.5937

Deuteranopia

35.9221, 35.1653, 39.0767



Tritanopia

36.3430, 35.0945, 40.9348

Trichromacy



Original Color

35.9221, 35.1653, 39.0767

Protanomaly

34.8640, 35.3495, 40.1076

Deuteranomaly

35.9221, 35.1653, 39.0767

Tritanomaly

36.2516, 35.0579, 40.4535

Monochromacy



Original Color

35.9221, 35.1653, 39.0767

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 35.9221, 35.1653, 39.0767 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(175, 155, 162)` looks like.

```
.text, #text, p{  
    color:rgb(175, 155, 162)  
}
```

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(175, 155, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 155, 162) }
```

Border

The CSS property to change the border of an element to XYZ 35.9221, 35.1653, 39.0767 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(175, 155, 162) }
```


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

```
.border{ border-color:rgb(175, 155, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 155, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 155, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 155, 162);  
box-shadow:4px 4px 4px 4px rgb(175, 155,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9221, 35.1653, 39.0767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 155, 162) }
```

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

```
.background{ background-color: rgb(175,  
155, 162) }
```

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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