

Converting Colors

XYZ(36.0252, 36.4710, 41.7357)

Have a look what the booklet for
XYZ(36.0252, 36.4710, 41.7357)
contains.

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Color

**XYZ(35.9080, 36.3666,
41.6861)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A0A7
RGB	169, 160, 167
RGB Percent	66%, 63%, 65%
CMY	0.3373, 0.3725, 0.3451
CMYK	0.00, 0.05, 0.01, 0.34
HSL	313°, 5%, 65%
HSV	313°, 5%, 66%
XYZ	35.9080, 36.3666, 41.6861
YIQ	163.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

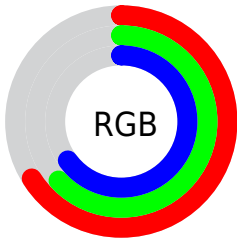
Format	Color
RYB	169, 160, 167
Decimal	11116711
CIELab	66.80, 4.56, -2.47
CIElCh	67, 5.187, 331.593
Yxy	36.3666, 0.3151, 0.3191
Android (android.graphics.Color)	4289306791 (0xFFA9A0A7)
YUV	163.4890, 1.7309, 4.8331
Hunter-Lab	60.3047, 0.7532, 1.2286

Details

The XYZ color **35.9080, 36.3666, 41.6861** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2081, 38.4591, 39.7519**, and the grayscale version is **35.0358, 36.8604, 40.1410**.

A 20% lighter version of the original color is **68.2257, 69.7221, 78.9691**, and **15.8993, 15.9570, 18.4617** is the 20% darker color. If you saturate the color by 10%, you get **32.8332, 30.7644, 38.9729**, and if you desaturate by 10%, it is **39.3932, 42.7726, 44.5868**.

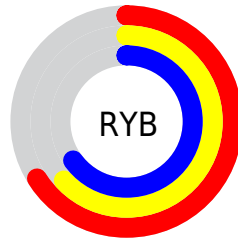
Distribution



Red (66%)

Green (63%)

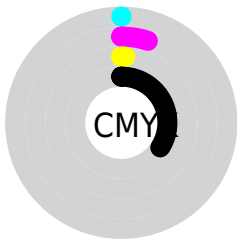
Blue (65%)



Red (66%)

Yellow (63%)

Blue (65%)

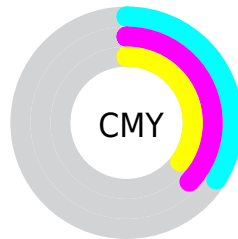


Cyan (0%)

Magenta (5%)

Yellow (1%)

Black (34%)



Cyan (34%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9080, 36.3666, 41.6861 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 35.9080, 36.3666, 41.6861 by changing the saturation by 10% instead.

■ 35.9080, 36.3666,
41.6861

■ 35.9080, 36.3666,
41.6861

319.9965,
330.5601, 368.9413

■ 24.5329, 24.7175,
28.5318

■ 68.2148, 69.5975,
78.9893

■ 15.8563, 15.8667,
18.4844

■ 89.8773, 91.9481,
103.9753

■ 9.5127, 9.4299,
11.1253

115.6997,
118.6346, 133.7423

■ 5.1369, 5.0226,
6.0360

146.0472,
150.0415, 168.7088

■ 2.3634, 2.2605,
2.7978

181.2853,
186.5530, 209.2935

■ 0.8268, 0.7527,
0.9923

221.7793,

■ 0.0000, 0.0000,

228.5537, 255.9147

0.0000

267.8946,
276.4279, 308.9911

■ 35.9080, 36.3666,
41.6861

■ 35.9080, 36.3666,
41.6861

■ 32.8332, 30.7644,
38.9729

■ 39.3932, 42.7726,
44.5868

■ 30.1498, 25.9292,
36.4390

■ 43.3009, 50.0077,
47.6781

■ 27.8415, 21.8285,
34.0792

■ 47.6464, 58.1021,
50.9659

■ 25.8900, 18.4257,
31.8868

■ 52.4434, 67.0830,
54.4552

■ 24.2753, 15.6809,
29.8547

■ 57.7051, 76.9765,
58.1508

■ 22.9754, 13.5502,
27.9753

■ 61.3666, 83.6528,
61.3648

■ 21.9656, 11.9844,
26.2397

■ 61.7813, 83.8187,
63.5487

■ 21.2175, 10.9266,
24.6381

■ 62.2067, 83.9888,
65.7888

■ 20.6950, 10.3054,
23.1580

■ 62.6428, 84.1633,
68.0853

Harmonies

Analogous

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



35.3609, 36.3666, 43.3885



35.9080, 36.3666, 41.6861



36.0939, 36.3666, 39.4772

Triad

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



35.9080, 36.3666, 41.6861



34.5235, 36.3666, 35.4373



33.2975, 36.3666, 41.9015

Complementary

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



35.9080, 36.3666, 41.6861



35.2081, 38.4591, 39.7519

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.



33.0806, 36.3666, 39.7171



35.9080, 36.3666, 41.6861



33.7818, 36.3666, 36.0332

Square

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



35.9080, 36.3666, 41.6861



35.2873, 36.3666, 35.9206



33.2566, 36.3666, 37.5790



33.8533, 36.3666, 43.5161

Rectangle

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



35.9080, 36.3666, 41.6861



35.9857, 36.3666, 38.0298



33.2566, 36.3666, 37.5790



33.1829, 36.3666, 41.2068

Sweetspot

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



35.9090, 36.3682, 41.6869



66.2798, 68.7427, 76.3283



34.6238, 35.6841, 42.5994



14.4615, 15.0112, 16.6492



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.



35.9090, 36.3682, 41.6869



63.8525, 64.2950, 74.2651



35.5048, 36.2065, 39.5580



7.9676, 7.9995, 9.2755



15.2906, 7.5249, 16.8734



0.3892, 0.1900, 0.5011

Inverse Universe

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



35.9090, 36.3682, 41.6869



63.8525, 64.2950, 74.2651



35.6106, 38.6201, 41.8716



7.9676, 7.9995, 9.2755



15.2906, 7.5249, 16.8734



0.3892, 0.1900, 0.5011

Previews

White Background



This preview shows how the XYZ color 35.9080, 36.3666, 41.6861 looks on a white background.

Color Contrast Check

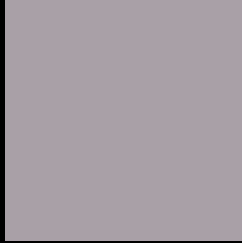
Large Text (above 18pt) WCAG AA × Fail

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 35.9080, 36.3666, 41.6861 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 35.9080, 36.3666, 41.6861

Background



This preview shows how black text looks on a background with the XYZ color 35.9080, 36.3666, 41.6861.



This preview shows how white text looks on a background with the XYZ color 35.9080, 36.3666,

41.6861.

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

35.9080, 36.3666, 41.6861

Protanopia

35.2981, 36.5603, 42.2422

Deuteranopia

37.1064, 36.4738, 41.6437



Tritanopia

36.4221, 36.3209, 44.1207

Trichromacy



Original Color

35.9080, 36.3666, 41.6861

Protanomaly

35.5386, 36.4239, 42.2032

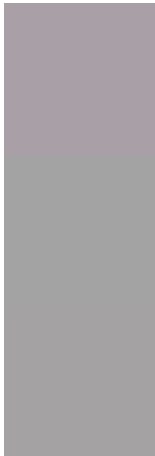
Deuteranomaly

36.6068, 36.4705, 41.6693

Tritanomaly

36.2314, 36.2446, 43.1165

Monochromacy



Original Color

35.9080, 36.3666, 41.6861

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.1382, 36.5203, 40.3191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9080, 36.3666, 41.6861 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(169, 160, 167)` looks like.

```
.text, #text, p{  
    color:rgb(169, 160, 167)  
}
```

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(169, 160, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 160, 167) }
```

Border

The CSS property to change the border of an element to XYZ 35.9080, 36.3666, 41.6861 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(169, 160, 167) }
```


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

```
.border{ border-color:rgb(169, 160, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 160, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 160, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 160, 167);  
box-shadow:4px 4px 4px 4px rgb(169, 160,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9080, 36.3666, 41.6861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 160, 167) }
```

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

```
.background{ background-color: rgb(169,  
160, 167) }
```

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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