

Converting Colors

XYZ(35.8126, 36.0683, 40.0420)

Have a look what the booklet for
XYZ(35.8126, 36.0683, 40.0420)
contains.

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Color

**XYZ(35.8936, 36.1345,
40.2048)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9FA4
RGB	171, 159, 164
RGB Percent	67%, 62%, 64%
CMY	0.3294, 0.3765, 0.3569
CMYK	0.00, 0.07, 0.04, 0.33
HSL	335°, 7%, 65%
HSV	335°, 7%, 67%
XYZ	35.8936, 36.1345, 40.2048
YIQ	163.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

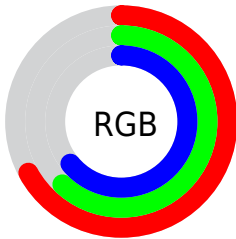
Format	Color
RYB	171, 159, 164
Decimal	11247524
CIELab	66.62, 5.27, -1.03
CIELCh	67, 5.375, 348.941
Yxy	36.1345, 0.3198, 0.3220
Android (android.graphics.Color)	4289437604 (0xFFAB9FA4)
YUV	163.1580, 0.4151, 6.8774
Hunter-Lab	60.1120, 1.3886, 2.4234

Details

The XYZ color **35.8936, 36.1345, 40.2048** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7453, 39.2510, 41.7706**, and the grayscale version is **34.8845, 36.7012, 39.9676**.

A 20% lighter version of the original color is **68.1968, 69.3764, 76.8145**, and **15.8949, 15.8169, 17.5444** is the 20% darker color. If you saturate the color by 10%, you get **32.2883, 30.3093, 34.7306**, and if you desaturate by 10%, it is **39.9785, 42.8047, 46.1885**.

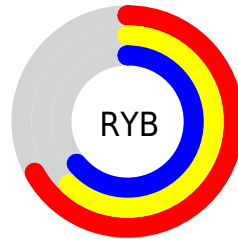
Distribution



Red (67%)

Green (62%)

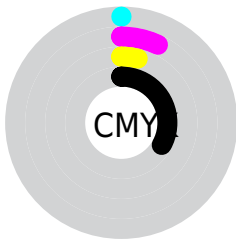
Blue (64%)



Red (67%)

Yellow (62%)

Blue (64%)

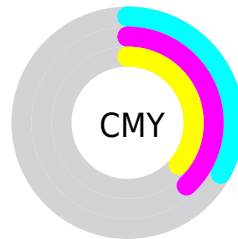


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (33%)



Cyan (33%)


Magenta (38%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8936, 36.1345, 40.2048 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 35.8936, 36.1345, 40.2048 by changing the saturation by 10% instead.


 35.8936, 36.1345,
40.2048


 35.8936, 36.1345,
40.2048


319.9346,
329.5480, 362.5637

 24.5218, 24.5381,
27.3833


 68.1928, 69.2396,
76.7158

 15.8479, 15.7333,
17.6263


 89.8508, 91.5171,
101.2423

 9.5068, 9.3356,
10.5154


115.6682,
118.1237, 130.5075

 5.1329, 4.9607,
5.6319

146.0105,
149.4439, 164.9301

 2.3610, 2.2242,
2.5574

181.2429,
185.8621, 204.9284

 0.8256, 0.7332,
0.8704

221.7308,

 0.0000, 0.0000,

227.7625, 250.9211

0.0000

267.8396,
275.5297, 303.3267

■ 35.8936, 36.1345,
40.2048

■ 35.8936, 36.1345,
40.2048

■ 32.2883, 30.3093,
34.7306

■ 39.9785, 42.8047,
46.1885

■ 29.1412, 25.2907,
29.7496

■ 44.5572, 50.3472,
52.6929

■ 26.4341, 21.0439,
25.2479

■ 49.6469, 58.7937,
59.7317

■ 24.1460, 17.5301,
21.2099

■ 55.2632, 68.1731,
67.3171

■ 22.2543, 14.7070,
17.6192

■ 61.4210, 78.5129,
75.4613

■ 20.7343, 12.5279,
14.4581

■ 65.9913, 85.5527,
83.4614

■ 19.5579, 10.9401,
11.7077

■ 67.3838, 86.1096,
90.7939

■ 18.6930, 9.8826,
9.3469

■ 68.8570, 86.6989,
98.5516

■ 18.0931, 9.2660,
7.3493

■ 70.4122, 87.3210,
106.7411

Harmonies

Analogous

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



35.5307, 36.1345, 42.3426



35.8936, 36.1345, 40.2048



35.8367, 36.1345, 37.9164

Triad

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



35.8936, 36.1345, 40.2048



33.8425, 36.1345, 35.2806



33.3335, 36.1345, 42.7988

Complementary

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



35.8936, 36.1345, 40.2048



35.7453, 39.2510, 41.7706

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.



32.8948, 36.1345, 40.8076



35.8936, 36.1345, 40.2048



33.1855, 36.1345, 36.4910

Square

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



35.8936, 36.1345, 40.2048



34.6439, 36.1345, 35.1335



32.8411, 36.1345, 38.4962



34.0473, 36.1345, 43.8789

Rectangle

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



35.8936, 36.1345, 40.2048



35.5685, 36.1345, 36.6111



32.8411, 36.1345, 38.4962



33.1494, 36.1345, 42.2103

Sweetspot

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



35.8946, 36.1361, 40.2056



67.8183, 70.4730, 77.2264



35.4760, 35.8452, 43.5778



15.1420, 15.7455, 17.2485



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.



35.8946, 36.1361, 40.2056



63.5154, 63.4681, 70.8564



35.6247, 36.3043, 37.9325



8.1384, 8.0686, 9.0397



13.5485, 6.8820, 5.2680



0.4046, 0.2025, 0.2923

Inverse Universe

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



35.8946, 36.1361, 40.2056



63.5154, 63.4681, 70.8564



36.0247, 39.0617, 44.1697



8.1384, 8.0686, 9.0397



13.5485, 6.8820, 5.2680



0.4046, 0.2025, 0.2923

Previews

White Background



This preview shows how the XYZ color 35.8936, 36.1345, 40.2048 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 35.8936, 36.1345, 40.2048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

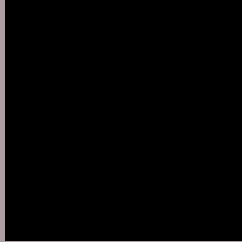
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8936, 36.1345, 40.2048

Background



This preview shows how black text looks on a background with the XYZ color 35.8936, 36.1345, 40.2048.



This preview shows how white text looks on a background with the XYZ color 35.8936, 36.1345,

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

35.8936, 36.1345, 40.2048

Protanopia

34.8462, 36.0989, 40.7285

Deuteranopia

36.8893, 36.1414, 40.1537



Tritanopia

36.4958, 36.1267, 43.0798

Trichromacy



Original Color

35.8936, 36.1345, 40.2048

Protanomaly

35.2987, 36.0737, 40.6998

Deuteranomaly

36.6069, 36.2480, 40.1891

Tritanomaly

36.3080, 36.0515, 42.0908

Monochromacy



Original Color

35.8936, 36.1345, 40.2048

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.2571, 36.5920, 39.8550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8936, 36.1345, 40.2048 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(171, 159, 164)` looks like.

```
.text, #text, p{  
    color:rgb(171, 159, 164)  
}
```

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(171, 159, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 159, 164) }
```

Border

The CSS property to change the border of an element to XYZ 35.8936, 36.1345, 40.2048 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(171, 159, 164) }
```


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

```
.border{ border-color:rgb(171, 159, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 159, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 159, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 159, 164);  
box-shadow:4px 4px 4px 4px rgb(171, 159,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8936, 36.1345, 40.2048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 159, 164) }
```

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

```
.background{ background-color: rgb(171,  
159, 164) }
```

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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