

Converting Colors

XYZ(36.0362, 35.6441, 40.1834)

Have a look what the booklet for
XYZ(36.0362, 35.6441, 40.1834)
contains.

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Color

**XYZ(35.9914, 35.6785,
40.1117)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9DA4
RGB	173, 157, 164
RGB Percent	68%, 62%, 64%
CMY	0.3216, 0.3843, 0.3569
CMYK	0.00, 0.09, 0.05, 0.32
HSL	334°, 9%, 65%
HSV	334°, 9%, 68%
XYZ	35.9914, 35.6785, 40.1117
YIQ	162.5820, 7.2890, 5.5690

Conversions

Conversions Part 2

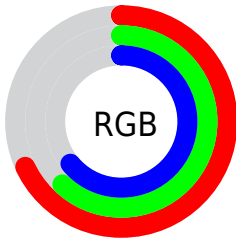
Format	Color
R_{YB}	173, 157, 164
Decimal	11378084
CIE Lab	66.27, 7.11, -1.52
CIE LCh	66, 7.268, 347.913
Yxy	35.6785, 0.3220, 0.3192
Android (android.graphics.Color)	4289568164 (0xFFAD9DA4)
YUV	162.5820, 0.6991, 9.1366
Hunter-Lab	59.7315, 3.0257, 1.9968

Details

The XYZ color **35.9914, 35.6785, 40.1117** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7325, 39.8094, 41.8789**, and the grayscale version is **34.6111, 36.4135, 39.6543**.

A 20% lighter version of the original color is **68.3246, 68.6954, 76.6763**, and **15.9638, 15.5429, 17.4879** is the 20% darker color. If you saturate the color by 10%, you get **32.4238, 29.8962, 34.7507**, and if you desaturate by 10%, it is **40.0428, 42.3198, 45.9667**.

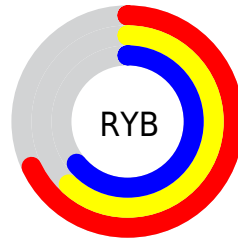
Distribution



Red (68%)

Green (62%)

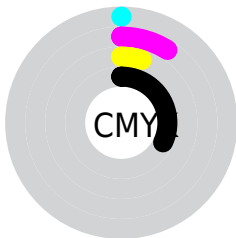
Blue (64%)



Red (68%)

Yellow (62%)

Blue (64%)

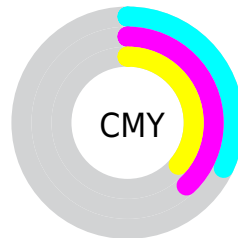


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (32%)



Cyan (32%)


Magenta (38%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9914, 35.6785, 40.1117 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 35.9914, 35.6785, 40.1117 by changing the saturation by 10% instead.


 35.9914, 35.6785,
40.1117


 35.9914, 35.6785,
40.1117


320.3548,
327.5531, 362.1602

 24.5976, 24.1860,
27.3112


 68.3427, 68.5355,
76.5725

 15.9047, 15.4717,
17.5726

 90.0310, 90.6689,
101.0699

 9.5471, 9.1511,
10.4773

115.8816,
117.1180, 130.3034

 5.1597, 4.8398,
5.6068

146.2596,
148.2672, 164.6914

 2.3770, 2.1536,
2.5426

181.5307,
184.5009, 204.6526

 0.8336, 0.6945,
0.8626

222.0600,

 0.0000, 0.0000,

226.2035, 250.6054

0.0000

268.2129,
273.7595, 302.9684

■ 35.9914, 35.6785,
40.1117

■ 35.9914, 35.6785,
40.1117

■ 32.4238, 29.8962,
34.7507

■ 40.0428, 42.3198,
45.9667

■ 29.3181, 24.9328,
29.8679

■ 44.5926, 49.8485,
52.3265

■ 26.6552, 20.7524,
25.4495

■ 49.6588, 58.2976,
59.2045

■ 24.4135, 17.3141,
21.4805

■ 55.2573, 67.6970,
66.6126

■ 22.5695, 14.5735,
17.9448

■ 61.4035, 78.0751,
74.5625

■ 21.0971, 12.4815,
14.8250

■ 66.2322, 85.6997,
82.4388

■ 19.9671, 10.9824,
12.1025

■ 67.5780, 86.2380,
89.5261

■ 19.1453, 10.0109,
9.7564

■ 69.0005, 86.8070,
97.0168

■ 18.5666, 9.4401,
7.7550

■ 70.5008, 87.4072,
104.9172

Harmonies

Analogous

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



35.4825, 35.6785, 42.9894



35.9914, 35.6785, 40.1117



35.9344, 35.6785, 37.0399

Triad

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



35.9914, 35.6785, 40.1117



33.2740, 35.6785, 33.4382



32.5329, 35.6785, 43.4503

Complementary

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



35.9914, 35.6785, 40.1117



35.7325, 39.8094, 41.8789

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.



31.9657, 35.6785, 40.7137



35.9914, 35.6785, 40.1117



32.3873, 35.6785, 34.9812

Square

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



35.9914, 35.6785, 40.1117



34.3498, 35.6785, 33.2962



31.9130, 35.6785, 37.6108



33.4766, 35.6785, 44.9846

Rectangle

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



35.9914, 35.6785, 40.1117



35.5831, 35.6785, 35.2927



31.9130, 35.6785, 37.6108



32.2927, 35.6785, 42.6340

Sweetspot

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



35.9924, 35.6801, 40.1125



68.8496, 71.0819, 78.2277



35.2851, 35.2181, 44.4737



14.8366, 15.2411, 16.8191



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.



35.9924, 35.6801, 40.1125



63.1500, 61.7672, 69.9022



35.5134, 35.7057, 36.9203



8.1453, 8.0714, 9.0759



13.6384, 6.9179, 5.7410



0.4072, 0.2036, 0.3061

Inverse Universe

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



35.9924, 35.6801, 40.1125



63.1500, 61.7672, 69.9022



36.2392, 39.7674, 45.3015



8.1453, 8.0714, 9.0759



13.6384, 6.9179, 5.7410



0.4072, 0.2036, 0.3061

Previews

White Background



This preview shows how the XYZ color 35.9914, 35.6785, 40.1117 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 35.9914, 35.6785, 40.1117 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 35.9914, 35.6785, 40.1117

Background



This preview shows how black text looks on a background with the XYZ color 35.9914, 35.6785, 40.1117.



This preview shows how white text looks on a background with the XYZ color 35.9914, 35.6785,

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

35.9914, 35.6785, 40.1117

Protanopia

34.5580, 35.6813, 41.1422

Deuteranopia

36.2685, 35.5712, 40.0763



Tritanopia

36.5055, 35.6402, 42.4913

Trichromacy



Original Color

35.9914, 35.6785, 40.1117

Protanomaly

35.1260, 35.7284, 40.6422

Deuteranomaly

36.0449, 35.4559, 40.0659

Tritanomaly

36.3191, 35.5656, 41.5098

Monochromacy



Original Color

35.9914, 35.6785, 40.1117

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.2921, 36.3496, 39.8064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9914, 35.6785, 40.1117 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(173, 157, 164)` looks like.

```
.text, #text, p{  
    color:rgb(173, 157, 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(173, 157, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 157, 164) }
```

Border

The CSS property to change the border of an element to XYZ 35.9914, 35.6785, 40.1117 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(173, 157, 164) }
```


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

```
.border{ border-color:rgb(173, 157, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 157, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 157, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 157, 164);  
box-shadow:4px 4px 4px 4px rgb(173, 157,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9914, 35.6785, 40.1117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 157, 164) }
```

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

```
.background{ background-color: rgb(173,  
157, 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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