

Converting Colors

XYZ(35.9209, 40.0467, 35.5423)

Have a look what the booklet for
XYZ(35.9209, 40.0467, 35.5423)
contains.

XYZ(35.9209, 40.0467, 35.5423)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.9209, 40.0467,
35.5423)**

Conversions

Conversions Part 1

Format	Color
Hex	A4AD98
RGB	164, 173, 152
RGB Percent	64%, 68%, 60%
CMY	0.3569, 0.3216, 0.4039
CMYK	0.05, 0.00, 0.12, 0.32
HSL	86°, 11%, 64%
HSV	86°, 12%, 68%
XYZ	35.9209, 40.0467, 35.5423
YIQ	167.9150, 1.3770, -8.4390

Conversions

Conversions Part 2

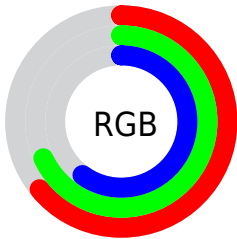
Format	Color
RYB	152, 173, 161
Decimal	10792344
CIELab	69.50, -7.05, 9.71
CIELCh	70, 11.999, 125.972
Yxy	40.0467, 0.3221, 0.3591
Android (android.graphics.Color)	4288982424 (0xFFA4AD98)
YUV	167.9150, -7.8461, -3.4335
Hunter-Lab	63.2825, -9.4227, 10.9978

Details

The XYZ color **35.9209, 40.0467, 35.5423** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.4707, 33.0518, 44.1529**, and the grayscale version is **37.2155, 39.1536, 42.6383**.

A 20% lighter version of the original color is **68.0974, 75.0031, 69.2804**, and **15.8684, 18.0591, 14.9613** is the 20% darker color. If you saturate the color by 10%, you get **33.1202, 38.7560, 28.5465**, and if you desaturate by 10%, it is **39.0198, 41.4696, 43.6327**.

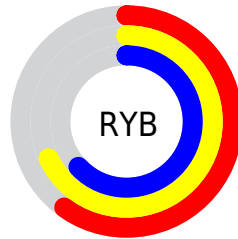
Distribution



Red (64%)

Green (68%)

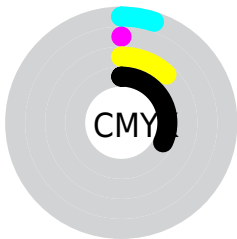
Blue (60%)



Red (60%)

Yellow (68%)

Blue (63%)

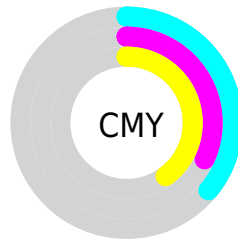


Cyan (5%)

Magenta (0%)

Yellow (12%)

Black (32%)



Cyan (36%)

Magenta (32%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9209, 40.0467, 35.5423 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 35.9209, 40.0467, 35.5423 by changing the saturation by 10% instead.

■ 35.9209, 40.0467,
35.5423

■ 35.9209, 40.0467,
35.5423

320.0520,
346.3204, 341.9323

■ 24.5429, 27.5750,
23.7940

■ 68.2346, 75.2346,
69.4861

■ 15.8638, 18.0055,
14.9701

■ 89.9011, 98.7196,
92.5187

■ 9.5180, 10.9539,
8.6520

115.7278,
126.6444, 120.1498

■ 5.1404, 6.0359,
4.4212

146.0801,
159.3935, 152.7980

■ 2.3655, 2.8669,
1.8591

181.3233,
197.3513, 190.8818

■ 0.8279, 1.0626,
0.4666

221.8227,

■ 0.0000, 0.0000,

240.9021, 234.8198

0.0000

267.9438,
290.4303, 285.0304

■ 35.9209, 40.0467,
35.5423

■ 35.9209, 40.0467,
35.5423

■ 33.1202, 38.7560,
28.5465

■ 39.0198, 41.4696,
43.6327

■ 30.6039, 37.5880,
22.5955

■ 42.4235, 43.0235,
52.8592

■ 28.3622, 36.5397,
17.6400

■ 46.1423, 44.7142,
63.2643

■ 26.3830, 35.6061,
13.6252

■ 50.1853, 46.5454,
74.8877

■ 24.6533, 34.7820,
10.4914

■ 54.5608, 48.5205,
87.7670

■ 23.1588, 34.0614,
8.1718

■ 59.1475, 50.5912,
101.2554

■ 21.8834, 33.4376,
6.5900

■ 61.2885, 51.6949,
101.3556

■ 20.8079, 32.9027,
5.6555

■ 63.5283, 52.8496,
101.4604

■ 20.0725, 32.5324,
5.2215

■ 65.8684, 54.0560,
101.5699

Harmonies

Analogous

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



37.6777, 40.0467, 33.8486



35.9209, 40.0467, 35.5423



34.7676, 40.0467, 39.4108

Triad

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



35.9209, 40.0467, 35.5423



36.5694, 40.0467, 54.0697



41.8818, 40.0467, 42.5056

Complementary

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



35.9209, 40.0467, 35.5423



33.4707, 33.0518, 44.1529

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.



41.5608, 40.0467, 48.0847



35.9209, 40.0467, 35.5423



38.4513, 40.0467, 55.0740

Square

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



35.9209, 40.0467, 35.5423



35.1330, 40.0467, 50.1620



40.2890, 40.0467, 52.8010



41.1519, 40.0467, 37.6441

Rectangle

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



35.9209, 40.0467, 35.5423



34.4738, 40.0467, 42.8605



40.2890, 40.0467, 52.8010



41.8935, 40.0467, 44.3562

Sweetspot

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



35.9220, 40.0484, 35.5432



68.7662, 73.7566, 75.1881



35.6038, 36.5551, 34.8857



14.8535, 15.9873, 16.1001



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.



35.9220, 40.0484, 35.5432



62.7086, 70.9740, 59.5346



33.8912, 39.0015, 35.4481



8.3260, 9.1566, 8.5419



14.8118, 23.9328, 3.8388



0.4730, 0.6972, 0.1096

Inverse Universe

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



33.4707, 33.0518, 44.1529



57.3067, 55.5551, 78.5086



35.6217, 34.1607, 44.2536



7.8923, 7.9188, 10.0652



7.6881, 3.3232, 29.2808



0.2773, 0.1251, 0.8175

Previews

White Background



This preview shows how the XYZ color 35.9209, 40.0467, 35.5423 looks on a white background.

Color Contrast Check

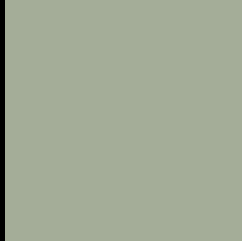
Large Text (above 18pt) WCAG AA × Fail

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 35.9209, 40.0467, 35.5423 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

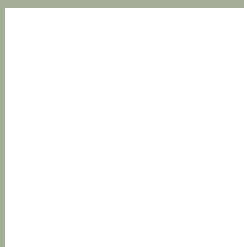
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.9209, 40.0467, 35.5423

Background



This preview shows how black text looks on a background with the XYZ color 35.9209, 40.0467, 35.5423.



This preview shows how white text looks on a background with the XYZ color 35.9209, 40.0467,

35.5423.

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

35.9209, 40.0467, 35.5423

Protanopia

37.8244, 39.9251, 34.5669

Deuteranopia

40.8464, 40.0905, 36.1572



Tritanopia

38.9937, 40.1883, 49.9579

Trichromacy



Original Color

35.9209, 40.0467, 35.5423

Protanomaly

36.9739, 39.7545, 35.0028

Deuteranomaly

38.8599, 39.8824, 35.7869

Tritanomaly

37.6618, 39.9052, 44.2456

Monochromacy



Original Color

35.9209, 40.0467, 35.5423

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.8327, 39.5736, 39.8796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9209, 40.0467, 35.5423 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(164, 173, 152)` looks like.

```
.text, #text, p{  
    color:rgb(164, 173, 152)  
}
```

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(164, 173, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 173, 152) }
```

Border

The CSS property to change the border of an element to XYZ 35.9209, 40.0467, 35.5423 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(164, 173, 152) }
```


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

```
.border{ border-color:rgb(164, 173, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 173, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 173, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 173, 152);  
box-shadow:4px 4px 4px 4px rgb(164, 173,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9209, 40.0467, 35.5423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 173, 152) }
```

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

```
.background{ background-color: rgb(164,  
173, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor