

Converting Colors

XYZ(39.9735, 42.0551, 45.7989)

Have a look what the booklet for
XYZ(39.9735, 42.0551, 45.7989)
contains.

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Color

**XYZ(39.9125, 42.1735,
45.5718)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAEAD
RGB	173, 174, 173
RGB Percent	68%, 68%, 68%
CMY	0.3216, 0.3176, 0.3216
CMYK	0.01, 0.00, 0.01, 0.32
HSL	120°, 1%, 68%
HSV	120°, 1%, 68%
XYZ	39.9125, 42.1735, 45.5718
YIQ	173.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

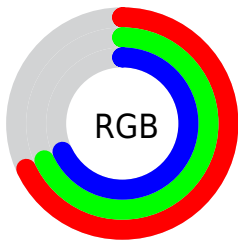
Format	Color
RYB	173, 174, 174
Decimal	11382445
CIELab	70.99, -0.54, 0.38
CIELCh	71, 0.658, 144.756
Yxy	42.1735, 0.3127, 0.3304
Android (android.graphics.Color)	4289572525 (0xFFADA EAD)
YUV	173.5870, -0.2894, -0.5148
Hunter-Lab	64.9411, -3.9417, 3.8526

Details

The XYZ color **39.9125, 42.1735, 45.5718** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0406, 41.9429, 46.0320**, and the grayscale version is **40.0229, 42.1072, 45.8548**.

A 20% lighter version of the original color is **74.0178, 78.1340, 84.5790**, and **18.2959, 19.3645, 20.8626** is the 20% darker color. If you saturate the color by 10%, you get **34.7378, 39.6891, 37.1054**, and if you desaturate by 10%, it is **45.8098, 45.0075, 55.2185**.

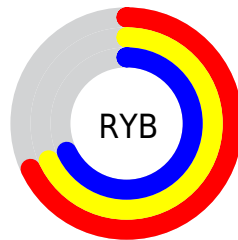
Distribution



Red (68%)

Green (68%)

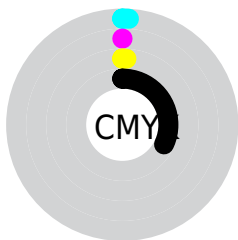
Blue (68%)



Red (68%)

Yellow (68%)

Blue (68%)

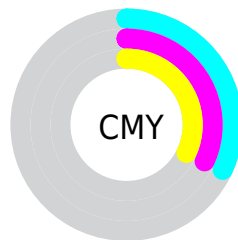


Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (32%)



Cyan (32%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9125, 42.1735, 45.5718 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 39.9125, 42.1735, 45.5718 by changing the saturation by 10% instead.

■ 39.9125, 42.1735,
45.5718

■ 39.9125, 42.1735,
45.5718

336.8954,
355.2017, 385.3119

■ 27.6542, 29.2372,
31.5618

■ 74.3154, 78.4621,
84.9053

■ 18.2043, 19.2603,
20.7650

97.1908, 102.5832,
111.0659

■ 11.1973, 11.8585,
12.7628

124.3360,
131.2014, 142.1139

■ 6.2680, 6.6474,
7.1366

156.1162,
164.7010, 178.4676

■ 3.0509, 3.2426,
3.4679

192.8969,
203.4664, 220.5458

■ 1.1807, 1.2597,
1.3382

235.0434,

■ 0.0911, 0.1096,

247.8821, 268.7668

0.0928

282.9212,
298.3324, 323.5494

■ 0.0000, 0.0000,
0.0000

■ 39.9125, 42.1735,
45.5718

■ 39.9125, 42.1735,
45.5718

■ 34.7378, 39.6891,
37.1054

■ 45.8098, 45.0075,
55.2185

■ 30.2546, 37.5356,
29.7714

■ 52.4524, 48.1982,
66.0855

■ 26.4346, 35.7007,
23.5226

■ 59.8661, 51.7593,
78.2143

■ 23.2464, 34.1692,
18.3074

■ 68.0746, 55.7022,
91.6436

■ 20.6560, 32.9249,
14.0704

■ 74.4269, 58.7537,
102.0256

■ 18.6261, 31.9499,
10.7504

■ 17.1154, 31.2242,
8.2797

■ 16.0768, 30.7253,
6.5814

■ 15.4545, 30.4264,
5.5643

Harmonies

Analogous

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



39.9963, 42.1735, 45.3730



39.9125, 42.1735, 45.5718



39.8748, 42.1735, 45.8645

Triad

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



39.9125, 42.1735, 45.5718



40.0654, 42.1735, 46.5244



40.2766, 42.1735, 45.6671

Complementary

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



39.9125, 42.1735, 45.5718



40.0406, 41.9429, 46.0320

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.



40.2952, 42.1735, 45.9751



39.9125, 42.1735, 45.5718



40.1731, 42.1735, 46.4709

Square

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



39.9125, 42.1735, 45.5718



39.9630, 42.1735, 46.4153



40.2573, 42.1735, 46.2695



40.2066, 42.1735, 45.4278

Rectangle

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



39.9125, 42.1735, 45.5718



39.8809, 42.1735, 46.0739



40.2573, 42.1735, 46.2695



40.2891, 42.1735, 45.7660

Sweetspot

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



39.9137, 42.1753, 45.5727



72.9764, 76.7769, 83.6100



40.1331, 42.2836, 45.5821



16.2198, 17.0645, 18.5832



84.5950, 89.0005, 96.9216

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.9137, 42.1753, 45.5727



71.9544, 76.2860, 81.9381



39.9607, 42.1941, 45.8203



8.8794, 9.4076, 10.1167



10.9787, 21.9568, 3.6595



0.3055, 0.6108, 0.1018

Inverse Universe

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



40.0406, 41.9429, 46.0320



72.3598, 75.5438, 83.4045



39.9935, 41.9240, 45.7835



8.9250, 9.3240, 10.2820



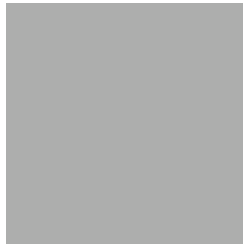
18.1958, 8.7402, 29.7725



0.5062, 0.2432, 0.8282

Previews

White Background



This preview shows how the XYZ color 39.9125, 42.1735, 45.5718 looks on a white background.

Color Contrast Check

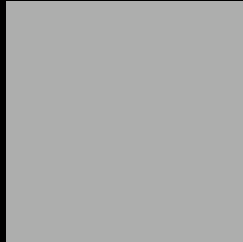
Large Text (above 18pt) WCAG AA × Fail

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 39.9125, 42.1735, 45.5718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

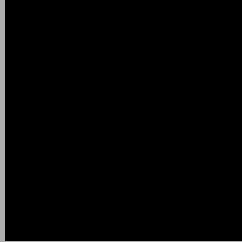
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

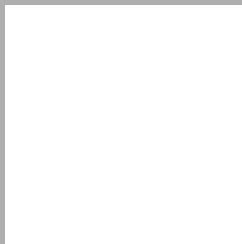
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.9125, 42.1735, 45.5718

Background



This preview shows how black text looks on a background with the XYZ color 39.9125, 42.1735, 45.5718.

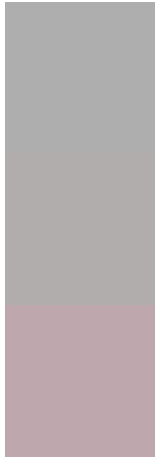


This preview shows how white text looks on a background with the XYZ color 39.9125, 42.1735,

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

39.9125, 42.1735, 45.5718

Protanopia

40.5214, 42.2128, 45.0419

Deuteranopia

42.8778, 42.0084, 45.8929



Tritanopia

41.2946, 42.1642, 52.4164

Trichromacy



Original Color

39.9125, 42.1735, 45.5718

Protanomaly

40.2945, 42.0958, 45.0313

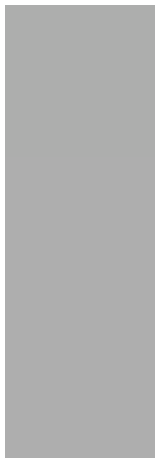
Deuteranomaly

41.7819, 41.9958, 45.9483

Tritanomaly

40.7396, 42.2220, 49.7185

Monochromacy



Original Color

39.9125, 42.1735, 45.5718

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.2316, 42.3268, 46.0938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9125, 42.1735, 45.5718 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, 174, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 174, 173)  
}
```

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, 174, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 174, 173) }
```

Border

The CSS property to change the border of an element to XYZ 39.9125, 42.1735, 45.5718 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, 174, 173) }
```

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

```
.border{ border-color:rgb(173, 174, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 174, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 174, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 174, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 174,  
173) }
```


Background

The CSS property to change the background color of an element to XYZ 39.9125, 42.1735, 45.5718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 174, 173) }
```

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

```
.background{ background-color: rgb(173,  
174, 173) }
```

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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