

Converting Colors

XYZ(39.5508, 42.5764, 45.1653)

Have a look what the booklet for
XYZ(39.5508, 42.5764, 45.1653)
contains.

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Color

**XYZ(39.5493, 42.5753,
45.1631)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB0AC
RGB	170, 176, 172
RGB Percent	67%, 69%, 67%
CMY	0.3333, 0.3098, 0.3255
CMYK	0.03, 0.00, 0.02, 0.31
HSL	140°, 4%, 68%
HSV	140°, 3%, 69%
XYZ	39.5493, 42.5753, 45.1631
YIQ	173.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

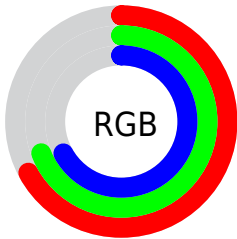
Format	Color
RYB	170, 175, 176
Decimal	11186348
CIELab	71.27, -2.86, 1.30
CIELCh	71, 3.146, 155.531
Yxy	42.5753, 0.3107, 0.3345
Android (android.graphics.Color)	4289376428 (0xFFAAB0AC)
YUV	173.7500, -0.8628, -3.2887
Hunter-Lab	65.2498, -5.9943, 4.6368

Details

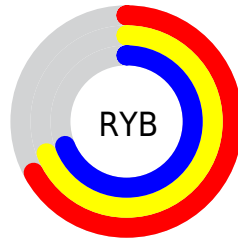
The XYZ color **39.5493, 42.5753, 45.1631** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.9208, 41.0366, 45.8633**, and the grayscale version is **40.1100, 42.1988, 45.9545**.

A 20% lighter version of the original color is **73.7731, 79.2668, 84.0848**, and **18.0690, 19.6229, 20.6046** is the 20% darker color. If you saturate the color by 10%, you get **34.9186, 40.3138, 39.3203**, and if you desaturate by 10%, it is **44.7914, 45.1429, 51.5560**.

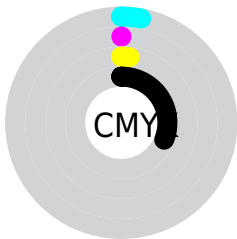
Distribution



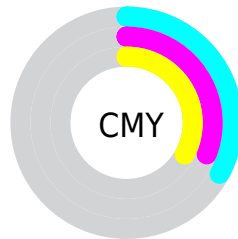
- Red (67%)
- Green (69%)
- Blue (67%)



- Red (67%)
- Yellow (69%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5493, 42.5753, 45.1631 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 39.5493, 42.5753, 45.1631 by changing the saturation by 10% instead.

■ 39.5493, 42.5753,
45.1631

■ 39.5493, 42.5753,
45.1631

335.3874,
356.8623, 383.6131

■ 27.3700, 29.5520,
31.2420

■ 73.7654, 79.0696,
84.2861

■ 17.9893, 19.4988,
20.5232

96.5329, 103.3094,
110.3252

■ 11.0419, 12.0313,
12.5881

123.5605,
132.0568, 141.2407

■ 6.1626, 6.7650,
7.0182

155.2136,
165.6963, 177.4511

■ 2.9858, 3.3156,
3.3948

191.8574,
204.6121, 219.3750

■ 1.1462, 1.2986,
1.2996

233.8574,

■ 0.0633, 0.1401,

249.1888, 267.4309

0.0615

281.5790,
299.8108, 322.0375

■ 0.0000, 0.0000,
0.0000

■ 39.5493, 42.5753,
45.1631

■ 39.5493, 42.5753,
45.1631

■ 34.9186, 40.3138,
39.3203

■ 44.7914, 45.1429,
51.5560

■ 30.8730, 38.3416,
34.0103

■ 50.6628, 48.0218,
58.5101

■ 27.3896, 36.6483,
29.2191

■ 57.1850, 51.2242,
66.0397

■ 24.4427, 35.2210,
24.9308

■ 64.3774, 54.7599,
74.1577

■ 22.0044, 34.0456,
21.1289

■ 71.1452, 58.0640,
82.8245

■ 20.0442, 33.1068,
17.7960

■ 72.8563, 58.7484,
91.8347

■ 18.5281, 32.3875,
14.9136

■ 74.6805, 59.4781,
101.4411

■ 17.4176, 31.8681,
12.4616

■ 74.8162, 59.5323,
102.1554

■ 16.6667, 31.5254,
10.4188

Harmonies

Analogous

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



39.8793, 42.5753, 44.0306



39.5493, 42.5753, 45.1631



39.4642, 42.5753, 46.6382

Triad

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



39.5493, 42.5753, 45.1631



40.5645, 42.5753, 49.3126



41.2986, 42.5753, 44.6876

Complementary

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



39.5493, 42.5753, 45.1631



39.9208, 41.0366, 45.8633

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.



41.4857, 42.5753, 46.0775



39.5493, 42.5753, 45.1631



41.0596, 42.5753, 48.7645

Square

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



39.5493, 42.5753, 45.1631



40.0474, 42.5753, 49.0550



41.3979, 42.5753, 47.5723



40.8886, 42.5753, 43.7603

Rectangle

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



39.5493, 42.5753, 45.1631



39.5571, 42.5753, 47.6221



41.3979, 42.5753, 47.5723



41.3898, 42.5753, 45.1151

Sweetspot

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



39.5505, 42.5771, 45.1640



73.9005, 78.2797, 84.5912



40.2606, 42.9652, 44.2019



16.0265, 16.9699, 18.3459



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



39.5505, 42.5771, 45.1640



71.1404, 76.9295, 81.1793



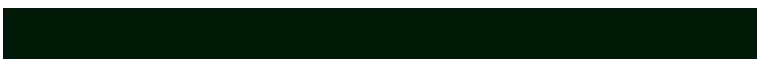
39.8324, 42.6899, 46.6484



9.0111, 9.7841, 10.2757



11.9882, 23.0213, 6.9409



0.4050, 0.7355, 0.3646

Inverse Universe

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



39.9208, 41.0366, 45.8633



71.9383, 73.6102, 82.6861



39.6408, 40.9246, 44.3889



9.1273, 9.3005, 10.4953



15.5363, 7.7321, 13.2502



0.5145, 0.2536, 0.5523

Previews

White Background



This preview shows how the XYZ color 39.5493, 42.5753, 45.1631 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 39.5493, 42.5753, 45.1631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

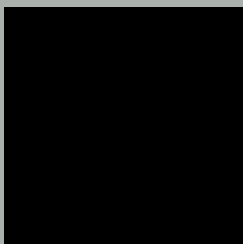
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

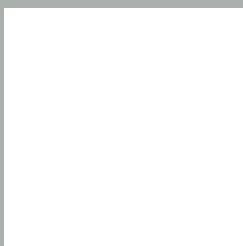
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5493, 42.5753, 45.1631

Background



This preview shows how black text looks on a background with the XYZ color 39.5493, 42.5753, 45.1631.



This preview shows how white text looks on a background with the XYZ color 39.5493, 42.5753,

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

39.5493, 42.5753, 45.1631

Protanopia

40.8468, 42.6774, 44.6128

Deuteranopia

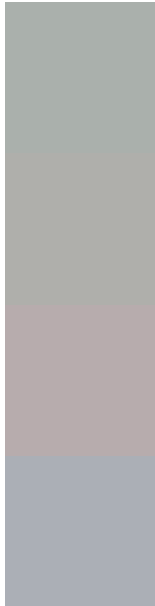
43.2167, 42.4694, 45.4548



Tritanopia

41.1189, 42.6306, 53.0750

Trichromacy



Original Color

39.5493, 42.5753, 45.1631

Protanomaly

40.3599, 42.7142, 44.6455

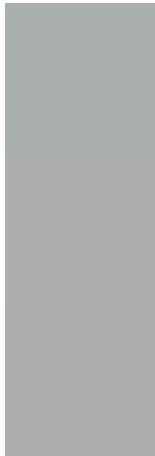
Deuteranomaly

41.8238, 42.5895, 45.5514

Tritanomaly

40.5681, 42.6953, 50.3588

Monochromacy



Original Color

39.5493, 42.5753, 45.1631

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.1064, 42.5613, 45.6365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5493, 42.5753, 45.1631 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(170, 176, 172)` looks like.

```
.text, #text, p{  
    color:rgb(170, 176, 172)  
}
```

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(170, 176, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 176, 172) }
```

Border

The CSS property to change the border of an element to XYZ 39.5493, 42.5753, 45.1631 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(170, 176, 172) }
```


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

```
.border{ border-color:rgb(170, 176, 172) }
```

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

Here you see how a box with a 4 pixel rgb(170, 176, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 176, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 176, 172);  
box-shadow:4px 4px 4px 4px rgb(170, 176,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5493, 42.5753, 45.1631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 176, 172) }
```

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

```
.background{ background-color: rgb(170,  
176, 172) }
```

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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