

Converting Colors

XYZ(40.0005, 42.4759, 44.6316)

Have a look what the booklet for
XYZ(40.0005, 42.4759, 44.6316)
contains.

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Color

**XYZ(40.1362, 42.5989,
44.6351)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAFAB
RGB	174, 175, 171
RGB Percent	68%, 69%, 67%
CMY	0.3176, 0.3137, 0.3294
CMYK	0.01, 0.00, 0.02, 0.31
HSL	75°, 2%, 68%
HSV	75°, 2%, 69%
XYZ	40.1362, 42.5989, 44.6351
YIQ	174.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

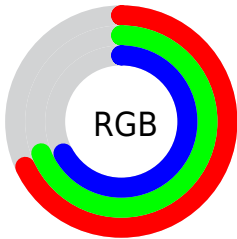
Format	Color
RYB	171, 175, 172
Decimal	11448235
CIELab	71.28, -1.10, 1.91
CIELCh	71, 2.206, 119.786
Yxy	42.5989, 0.3151, 0.3344
Android (android.graphics.Color)	4289638315 (0xFFAEAFAB)
YUV	174.2450, -1.5998, -0.2149
Hunter-Lab	65.2678, -4.4508, 5.1405

Details

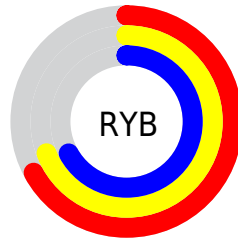
The XYZ color **40.1362, 42.5989, 44.6351** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.3157, 40.9928, 46.3999**, and the grayscale version is **40.3668, 42.4690, 46.2487**.

A 20% lighter version of the original color is **74.3374, 78.7426, 83.2324**, and **18.4388, 19.6354, 20.2709** is the 20% darker color. If you saturate the color by 10%, you get **37.6164, 41.4813, 36.3784**, and if you desaturate by 10%, it is **42.9113, 43.8250, 54.0584**.

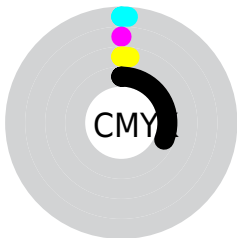
Distribution



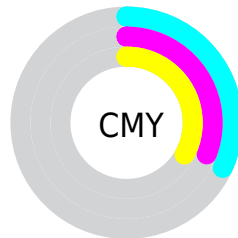
- Red (68%)
- Green (69%)
- Blue (67%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (31%)



- Cyan (32%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1362, 42.5989, 44.6351 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 40.1362, 42.5989, 44.6351 by changing the saturation by 10% instead.

■ 40.1362, 42.5989,
44.6351

■ 40.1362, 42.5989,
44.6351

337.8219,
356.9596, 381.4106

■ 27.8294, 29.5705,
30.8293

■ 74.6539, 79.1052,
83.4852

■ 18.3369, 19.5128,
20.2115

97.5955, 103.3520,
109.3665

■ 11.2933, 12.0414,
12.3633

124.8128,
132.1070, 140.1101

■ 6.3332, 6.7719,
6.8661

156.6712,
165.7547, 176.1345

■ 3.0913, 3.3199,
3.3013

193.5359,
204.6794, 217.8582

■ 1.2022, 1.3009,
1.2505

235.7723,

■ 0.1081, 0.1419,

249.2655, 265.6998

0.0207

283.7459,
299.8975, 320.0777

■ 0.0000, 0.0000,
0.0000

■ 40.1362, 42.5989,
44.6351

■ 40.1362, 42.5989,
44.6351

■ 37.6164, 41.4813,
36.3784

■ 42.9113, 43.8250,
54.0584

■ 35.3392, 40.4630,
29.2403

■ 45.9464, 45.1576,
64.6886

■ 33.2966, 39.5421,
23.1732

■ 49.2509, 46.6016,
76.5671

■ 31.4782, 38.7146,
18.1254

■ 52.8322, 48.1602,
89.7327

■ 29.8731, 37.9759,
14.0406

■ 56.1286, 49.6085,
101.2249

■ 28.4693, 37.3212,
10.8573

■ 57.2859, 50.2052,
101.2790

■ 27.2535, 36.7452,
8.5066

■ 58.4769, 50.8192,
101.3348

■ 26.2102, 36.2416,
6.9101

■ 59.7018, 51.4506,
101.3921

■ 25.3216, 35.8033,
5.9739

■ 60.9609, 52.0997,
101.4510

Harmonies

Analogous

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



40.4916, 42.5989, 44.3730



40.1362, 42.5989, 44.6351



39.8766, 42.5989, 45.3640

Triad

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



40.1362, 42.5989, 44.6351



40.1316, 42.5989, 48.1680



41.2054, 42.5989, 46.3906

Complementary

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



40.1362, 42.5989, 44.6351



39.3157, 40.9928, 46.3999

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.



41.1076, 42.5989, 47.4170



40.1362, 42.5989, 44.6351



40.4863, 42.5989, 48.4528

Square

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



40.1362, 42.5989, 44.6351



39.8740, 42.5989, 47.4036



40.8438, 42.5989, 48.1759



41.1103, 42.5989, 45.3770

Rectangle

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



40.1362, 42.5989, 44.6351



39.7921, 42.5989, 46.0222



40.8438, 42.5989, 48.1759



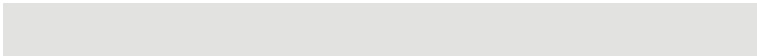
41.1940, 42.5989, 46.7456

Sweetspot

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



40.1374, 42.6007, 44.6360



72.4861, 76.5601, 81.9630



39.7839, 41.5606, 44.4539



16.1167, 17.0189, 18.2368



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.



40.1374, 42.6007, 44.6360



71.5197, 76.1323, 78.7340



39.6953, 42.3728, 44.6153



8.7764, 9.3664, 9.5760



17.7548, 25.4500, 3.9766



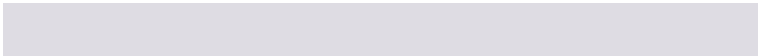
0.5401, 0.7318, 0.1128

Inverse Universe

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



39.3157, 40.9928, 46.3999



69.5663, 72.3096, 82.9275



39.7578, 41.2207, 46.4206



8.4843, 8.7948, 10.2031



6.3301, 2.6231, 29.2172



0.2262, 0.0988, 0.8151

Previews

White Background



This preview shows how the XYZ color 40.1362, 42.5989, 44.6351 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 40.1362, 42.5989, 44.6351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

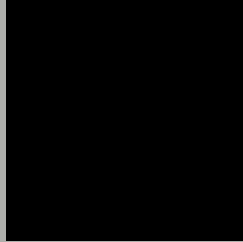
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

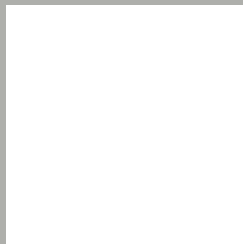
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.1362, 42.5989, 44.6351

Background



This preview shows how black text looks on a background with the XYZ color 40.1362, 42.5989, 44.6351.



This preview shows how white text looks on a background with the XYZ color 40.1362, 42.5989,

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

40.1362, 42.5989, 44.6351

Protanopia

40.7518, 42.6394, 44.1126

Deuteranopia

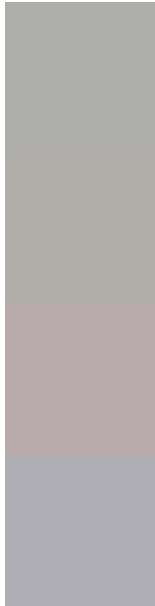
43.3726, 42.5610, 44.9588



Tritanopia

41.7110, 42.6624, 52.4906

Trichromacy



Original Color

40.1362, 42.5989, 44.6351

Protanomaly

40.5232, 42.5215, 44.1019

Deuteranomaly

42.0169, 42.4187, 45.0028

Tritanomaly

41.1557, 42.7223, 49.7931

Monochromacy



Original Color

40.1362, 42.5989, 44.6351

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.1344, 42.2879, 45.5822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1362, 42.5989, 44.6351 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(174, 175, 171)` looks like.

```
.text, #text, p{  
    color:rgb(174, 175, 171)  
}
```

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(174, 175, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 175, 171) }
```

Border

The CSS property to change the border of an element to XYZ 40.1362, 42.5989, 44.6351 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(174, 175, 171) }
```


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

```
.border{ border-color:rgb(174, 175, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 175, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 175, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 175, 171);  
box-shadow:4px 4px 4px 4px rgb(174, 175,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1362, 42.5989, 44.6351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 175, 171) }
```

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

```
.background{ background-color: rgb(174,  
175, 171) }
```

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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