

Converting Colors

XYZ(40.2542, 42.6311, 46.9057)

Have a look what the booklet for
XYZ(40.2542, 42.6311, 46.9057)
contains.

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Color

**XYZ(40.3014, 42.6393,
46.6635)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAFAF
RGB	173, 175, 175
RGB Percent	68%, 69%, 69%
CMY	0.3216, 0.3137, 0.3137
CMYK	0.01, 0.00, 0.00, 0.31
HSL	180°, 1%, 68%
HSV	180°, 1%, 69%
XYZ	40.3014, 42.6393, 46.6635
YIQ	174.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

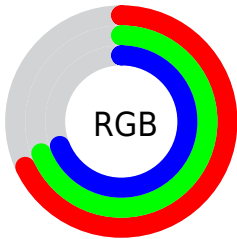
Format	Color
RYB	173, 174, 175
Decimal	11382703
CIELab	71.31, -0.70, -0.26
CIELCh	71, 0.746, 200.012
Yxy	42.6393, 0.3110, 0.3290
Android (android.graphics.Color)	4289572783 (0xFFADAF AF)
YUV	174.4020, 0.2948, -1.2296
Hunter-Lab	65.2988, -4.1054, 3.3396

Details

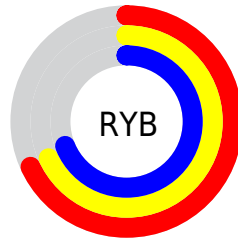
The XYZ color **40.3014, 42.6393, 46.6635** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1672, 42.0193, 45.5308**, and the grayscale version is **40.4388, 42.5448, 46.3313**.

A 20% lighter version of the original color is **74.5747, 78.8008, 86.1425**, and **18.5433, 19.6609, 21.5565** is the 20% darker color. If you saturate the color by 10%, you get **36.6801, 40.7739, 46.4816**, and if you desaturate by 10%, it is **44.4320, 44.7696, 46.8710**.

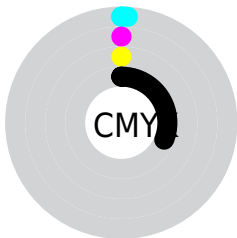
Distribution



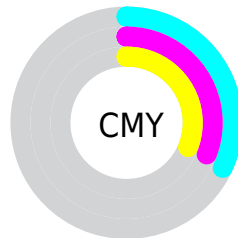
- Red (68%)
- Green (69%)
- Blue (69%)



- Red (68%)
- Yellow (68%)
- Blue (69%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3014, 42.6393, 46.6635 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 40.3014, 42.6393, 46.6635 by changing the saturation by 10% instead.

■ 40.3014, 42.6393,
46.6635

■ 40.3014, 42.6393,
46.6635

338.5050,
357.1263, 389.8246

■ 27.9589, 29.6022,
32.4173

■ 74.9037, 79.1663,
86.5558

■ 18.4350, 19.5368,
21.4130

97.8942, 103.4249,
113.0390

■ 11.3643, 12.0588,
13.2320

125.1646,
132.1929, 144.4383

■ 6.3815, 6.7838,
7.4559

157.0805,
165.8546, 181.1722

■ 3.1213, 3.3272,
3.6661

194.0071,
204.7944, 223.6592

■ 1.2182, 1.3049,
1.4440

236.3098,

■ 0.1207, 0.1450,

249.3967, 272.3179

0.1757

284.3540,
300.0458, 327.5668

■ 0.0000, 0.0000,
0.0000

■ 40.3014, 42.6393,
46.6635

■ 40.3014, 42.6393,
46.6635

■ 36.6801, 40.7739,
46.4816

■ 44.4320, 44.7696,
46.8710

■ 33.5450, 39.1580,
46.3216

■ 49.0869, 47.1690,
47.1022

■ 30.8764, 37.7826,
46.1834

■ 54.2846, 49.8482,
47.3587

■ 28.6520, 36.6362,
46.0660

■ 60.0421, 52.8160,
47.6415

■ 26.8478, 35.7064,
45.9682

■ 64.3215, 55.0219,
47.8551

■ 25.4373, 34.9795,
45.8889

■ 64.3241, 55.0229,
47.8685

■ 24.3910, 34.4405,
45.8267

■ 64.3266, 55.0239,
47.8820

■ 23.6755, 34.0719,
45.7799

■ 64.3292, 55.0249,
47.8954

■ 23.2510, 33.8534,
45.7467

■ 64.3317, 55.0259,
47.9089

Harmonies

Analogous

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



40.2905, 42.6393, 46.3074



40.3014, 42.6393, 46.6635



40.3727, 42.6393, 46.9577

Triad

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



40.3014, 42.6393, 46.6635



40.7123, 42.6393, 46.8718



40.5692, 42.6393, 45.7507

Complementary

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



40.3014, 42.6393, 46.6635



40.1672, 42.0193, 45.5308

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.



40.6824, 42.6393, 45.9002



40.3014, 42.6393, 46.6635



40.7651, 42.6393, 46.5467

Square

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



40.3014, 42.6393, 46.6635



40.6099, 42.6393, 47.0784



40.7542, 42.6393, 46.1912



40.4450, 42.6393, 45.7816

Rectangle

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



40.3014, 42.6393, 46.6635



40.4451, 42.6393, 47.0785



40.7542, 42.6393, 46.1912



40.6098, 42.6393, 45.7815

Sweetspot

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



40.3026, 42.6411, 46.6644



72.9764, 76.7769, 83.6100



40.1150, 42.5669, 45.6377



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.



40.3026, 42.6411, 46.6644



72.2650, 76.4102, 83.5743



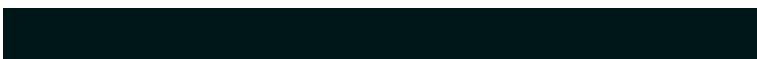
40.1151, 42.2657, 46.6034



8.9144, 9.4216, 10.3011



16.5016, 24.1659, 32.7448



0.4592, 0.6723, 0.9118

Inverse Universe

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



40.1672, 42.0193, 45.5308



72.0492, 75.4196, 81.7683



40.3532, 42.3919, 45.5914



8.8900, 9.3100, 10.0976



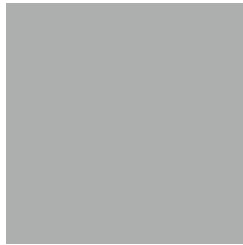
12.6619, 6.5273, 0.5989



0.3524, 0.1816, 0.0175

Previews

White Background



This preview shows how the XYZ color 40.3014, 42.6393, 46.6635 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 40.3014, 42.6393, 46.6635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

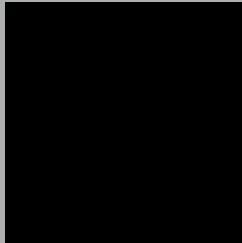
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3014, 42.6393, 46.6635

Background



This preview shows how black text looks on a background with the XYZ color 40.3014, 42.6393, 46.6635.



This preview shows how white text looks on a background with the XYZ color 40.3014, 42.6393,

46.6635.

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

40.3014, 42.6393, 46.6635

Protanopia

41.1361, 42.7931, 46.1362

Deuteranopia

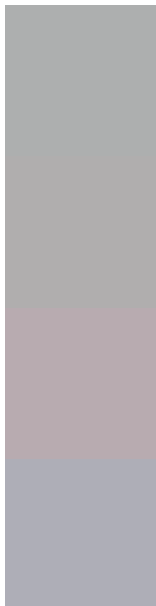
43.2596, 42.4577, 46.9894



Tritanopia

41.5924, 42.5890, 53.0420

Trichromacy



Original Color

40.3014, 42.6393, 46.6635

Protanomaly

40.6805, 42.5582, 46.1149

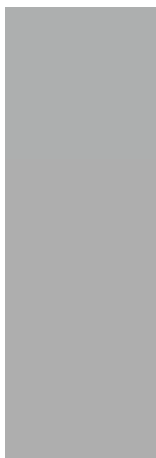
Deuteranomaly

42.1665, 42.4508, 47.0457

Tritanomaly

41.1389, 42.6897, 50.8714

Monochromacy



Original Color

40.3014, 42.6393, 46.6635

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 40.3014, 42.6393, 46.6635 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, 175, 175)` looks like.

```
.text, #text, p{  
    color:rgb(173, 175, 175)  
}
```

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, 175, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 175, 175) }
```

Border

The CSS property to change the border of an element to XYZ 40.3014, 42.6393, 46.6635 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, 175, 175) }
```

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

```
.border{ border-color:rgb(173, 175, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 175, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 175, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 175, 175);  
box-shadow:4px 4px 4px 4px rgb(173, 175,  
175) }
```


Background

The CSS property to change the background color of an element to XYZ 40.3014, 42.6393, 46.6635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 175, 175) }
```

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

```
.background{ background-color: rgb(173,  
175, 175) }
```

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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