

Converting Colors

XYZ(40.1375, 41.6855, 46.4455)

Have a look what the booklet for
XYZ(40.1375, 41.6855, 46.4455)
contains.

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Color

**XYZ(40.1696, 41.7142,
46.4919)**

Conversions

Conversions Part 1

Format	Color
Hex	AFACAF
RGB	175, 172, 175
RGB Percent	69%, 67%, 69%
CMY	0.3137, 0.3255, 0.3137
CMYK	0.00, 0.02, 0.00, 0.31
HSL	300°, 2%, 68%
HSV	300°, 2%, 69%
XYZ	40.1696, 41.7142, 46.4919
YIQ	173.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

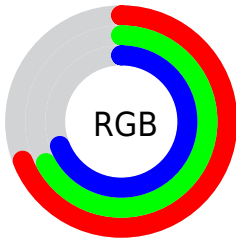
Format	Color
RYB	175, 172, 175
Decimal	11513007
CIELab	70.67, 1.63, -1.17
CIELCh	71, 2.005, 324.418
Yxy	41.7142, 0.3129, 0.3249
Android (android.graphics.Color)	4289703087 (0xFFAFACAF)
YUV	173.2390, 0.8682, 1.5444
Hunter-Lab	64.5865, -2.0083, 2.5313

Details

The XYZ color **40.1696, 41.7142, 46.4919** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7912, 42.4103, 45.1207**, and the grayscale version is **39.8389, 41.9136, 45.6439**.

A 20% lighter version of the original color is **74.3851, 77.4743, 85.8964**, and **18.4600, 19.0740, 21.4476** is the 20% darker color. If you saturate the color by 10%, you get **37.0564, 35.4873, 45.4547**, and if you desaturate by 10%, it is **43.7238, 48.8219, 47.6771**.

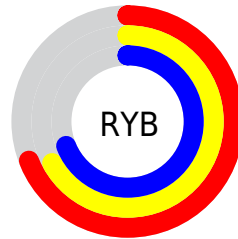
Distribution



Red (69%)

Green (67%)

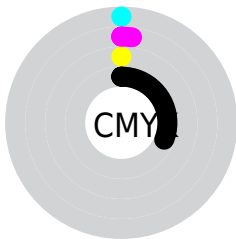
Blue (69%)



Red (69%)

Yellow (67%)

Blue (69%)

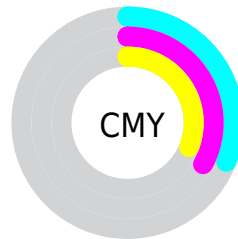


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1696, 41.7142, 46.4919 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 40.1696, 41.7142, 46.4919 by changing the saturation by 10% instead.

■ 40.1696, 41.7142,
46.4919

■ 40.1696, 41.7142,
46.4919

337.9601,
353.2968, 389.1176

■ 27.8556, 28.8776,
32.2827

■ 74.7044, 77.7669,
86.2967

■ 18.3567, 18.9882,
21.3109

97.6559, 101.7517,
112.7294

■ 11.3076, 11.6618,
13.1580

124.8840,
130.2215, 144.0737

■ 6.3430, 6.5138,
7.4054

156.7540,
163.5604, 180.7481

■ 3.0974, 3.1600,
3.6347

193.6312,
202.1531, 223.1711

■ 1.2055, 1.2158,
1.4271

235.8811,

■ 0.1107, 0.0746,

246.3837, 271.7614

0.1627

283.8689,
296.6369, 326.9374

■ 0.0000, 0.0000,
0.0000

■ 40.1696, 41.7142,
46.4919

■ 40.1696, 41.7142,
46.4919

■ 37.0564, 35.4873,
45.4547

■ 43.7238, 48.8219,
47.6771

■ 34.3636, 30.1017,
44.5571

■ 47.7314, 56.8372,
49.0130

■ 32.0743, 25.5232,
43.7940

■ 52.2090, 65.7923,
50.5055

■ 30.1691, 21.7127,
43.1589

■ 57.1711, 75.7165,
52.1596

■ 28.6269, 18.6283,
42.6449

■ 61.1776, 83.7294,
53.4950

■ 27.4246, 16.2239,
42.2441

■ 61.1776, 83.7294,
53.4950

■ 26.5367, 14.4482,
41.9482

■ 61.1776, 83.7294,
53.4950

■ 25.9338, 13.2424,
41.7472

■ 61.1777, 83.7294,
53.4950

■ 25.5811, 12.5369,
41.6296

■ 61.1777, 83.7294,
53.4950

Harmonies

Analogous

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



39.9126, 41.7142, 47.1050



40.1696, 41.7142, 46.4919



40.2869, 41.7142, 45.5977

Triad

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



40.1696, 41.7142, 46.4919



39.7102, 41.7142, 43.6241



39.0696, 41.7142, 46.1797

Complementary

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



40.1696, 41.7142, 46.4919



39.7912, 42.4103, 45.1207

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.



39.0161, 41.7142, 45.2421



40.1696, 41.7142, 46.4919



39.3848, 41.7142, 43.7750

Square

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



40.1696, 41.7142, 46.4919



40.0207, 41.7142, 43.9488



39.1311, 41.7142, 44.3641



39.2778, 41.7142, 46.9230

Rectangle

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



40.1696, 41.7142, 46.4919



40.2696, 41.7142, 44.9659



39.1311, 41.7142, 44.3641



39.0330, 41.7142, 45.8765

Sweetspot

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



40.1708, 41.7160, 46.4928



72.3599, 75.5439, 83.4045



39.5151, 41.3921, 46.4648



16.0901, 16.8051, 18.5400



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.



40.1708, 41.7160, 46.4928



71.7516, 74.3272, 83.2017



40.0292, 41.6594, 45.7475



8.8564, 9.1867, 10.2591



18.2018, 8.7432, 29.7728



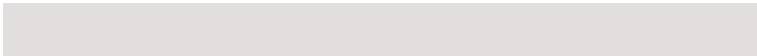
0.5064, 0.2432, 0.8282

Inverse Universe

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



39.8796, 41.5995, 44.9596



71.1333, 74.0799, 79.9462



39.9311, 42.4662, 45.8575



8.7867, 9.1588, 9.8920



12.6607, 6.5268, 0.5925



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 40.1696, 41.7142, 46.4919 looks on a white background.

Color Contrast Check

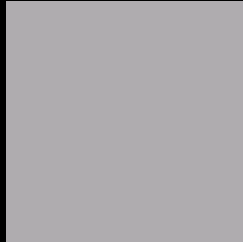
Large Text (above 18pt) WCAG AA × Fail

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 40.1696, 41.7142, 46.4919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

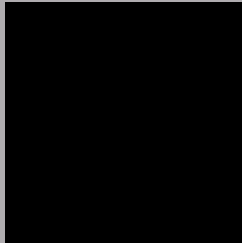
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1696, 41.7142, 46.4919

Background



This preview shows how black text looks on a background with the XYZ color 40.1696, 41.7142, 46.4919.



This preview shows how white text looks on a background with the XYZ color 40.1696, 41.7142,

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

40.1696, 41.7142, 46.4919

Protanopia

40.1696, 41.7142, 46.4919

Deuteranopia

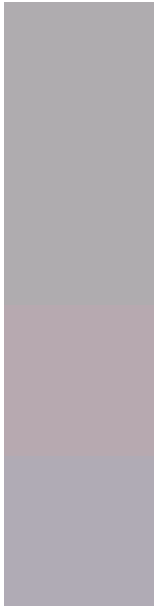
42.3942, 41.4634, 46.8431



Tritanopia

41.1191, 41.8166, 51.2516

Trichromacy



Original Color

40.1696, 41.7142, 46.4919

Protanomaly

40.1696, 41.7142, 46.4919

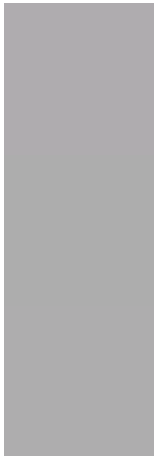
Deuteranomaly

41.5529, 41.5778, 46.9095

Tritanomaly

40.8079, 41.6921, 49.6126

Monochromacy



Original Color

40.1696, 41.7142, 46.4919

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.0391, 41.9418, 46.0297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1696, 41.7142, 46.4919 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(175, 172, 175)` looks like.

```
.text, #text, p{  
    color:rgb(175, 172, 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(175, 172, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 172, 175) }
```

Border

The CSS property to change the border of an element to XYZ 40.1696, 41.7142, 46.4919 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(175, 172, 175) }
```


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

```
.border{ border-color:rgb(175, 172, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 172, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 172, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 172, 175);  
box-shadow:4px 4px 4px 4px rgb(175, 172,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1696, 41.7142, 46.4919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 172, 175) }
```

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

```
.background{ background-color: rgb(175,  
172, 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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