

Converting Colors

XYZ(39.9565, 42.1981, 45.8927)

Have a look what the booklet for
XYZ(39.9565, 42.1981, 45.8927)
contains.

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Color

**XYZ(40.0096, 42.2123,
46.0835)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAEAE
RGB	173, 174, 174
RGB Percent	68%, 68%, 68%
CMY	0.3216, 0.3176, 0.3176
CMYK	0.01, 0.00, 0.00, 0.32
HSL	180°, 1%, 68%
HSV	180°, 1%, 68%
XYZ	40.0096, 42.2123, 46.0835
YIQ	173.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

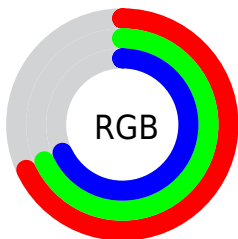
Format	Color
RYB	173, 174, 174
Decimal	11382446
CIELab	71.02, -0.35, -0.13
CIELCh	71, 0.373, 200.722
Yxy	42.2123, 0.3118, 0.3290
Android (android.graphics.Color)	4289572526 (0xFFADAEAE)
YUV	173.7010, 0.1474, -0.6148
Hunter-Lab	64.9710, -3.7777, 3.4257

Details

The XYZ color **40.0096, 42.2123, 46.0835** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.9435, 41.9040, 45.5202**, and the grayscale version is **40.0792, 42.1664, 45.9193**.

A 20% lighter version of the original color is **74.1571, 78.1897, 85.3124**, and **18.3575, 19.3892, 21.1873** is the 20% darker color. If you saturate the color by 10%, you get **36.4054, 40.3560, 45.8910**, and if you desaturate by 10%, it is **44.1173, 44.3306, 46.3013**.

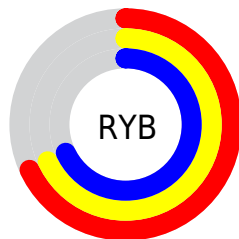
Distribution



Red (68%)

Green (68%)

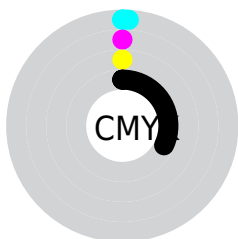
Blue (68%)



Red (68%)

Yellow (68%)

Blue (68%)

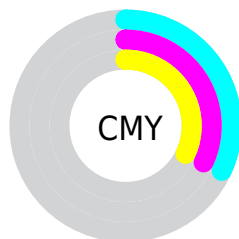


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (32%)



Cyan (32%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0096, 42.2123, 46.0835 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 40.0096, 42.2123, 46.0835 by changing the saturation by 10% instead.

■ 40.0096, 42.2123,
46.0835

■ 40.0096, 42.2123,
46.0835

337.2978,
355.3622, 387.4316

■ 27.7303, 29.2676,
31.9626

■ 74.4624, 78.5208,
85.6795

■ 18.2618, 19.2833,
21.0683

97.3665, 102.6534,
111.9918

■ 11.2390, 11.8752,
12.9822

124.5430,
131.2841, 143.2048

■ 6.2963, 6.6587,
7.2857

156.3572,
164.7972, 179.7372

■ 3.0684, 3.2496,
3.5603

193.1744,
203.5772, 222.0076

■ 1.1901, 1.2634,
1.3874

235.3600,

■ 0.0985, 0.1126,

248.0084, 270.4344

0.1318

283.2793,
298.4753, 325.4362

■ 0.0000, 0.0000,
0.0000

■ 40.0096, 42.2123,
46.0835

■ 40.0096, 42.2123,
46.0835

■ 36.4054, 40.3560,
45.8910

■ 44.1173, 44.3306,
46.3013

■ 33.2819, 38.7463,
45.7201

■ 48.7432, 46.7147,
46.5425

■ 30.6199, 37.3746,
45.5709

■ 53.9056, 49.3755,
46.8088

■ 28.3975, 36.2294,
45.4422

■ 59.6211, 52.3214,
47.1010

■ 26.5910, 35.2987,
45.3330

■ 64.0406, 54.5992,
47.3326

■ 25.1745, 34.5690,
45.2421

■ 64.0454, 54.6011,
47.3576

■ 24.1191, 34.0255,
45.1680

■ 64.0501, 54.6030,
47.3825

■ 23.3922, 33.6513,
45.1094

■ 64.0549, 54.6049,
47.4075

■ 22.9550, 33.4264,
45.0643

■ 64.0596, 54.6068,
47.4325

Harmonies

Analogous

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



40.0034, 42.2123, 45.9067



40.0096, 42.2123, 46.0835



40.0457, 42.2123, 46.2281

Triad

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



40.0096, 42.2123, 46.0835



40.2143, 42.2123, 46.1795



40.1408, 42.2123, 45.6243

Complementary

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



40.0096, 42.2123, 46.0835



39.9435, 41.9040, 45.5202

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.



40.1974, 42.2123, 45.6970



40.0096, 42.2123, 46.0835



40.2399, 42.2123, 46.0173

Square

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



40.0096, 42.2123, 46.0835



40.1639, 42.2123, 46.2836



40.2337, 42.2123, 45.8408



40.0792, 42.2123, 45.6419

Rectangle

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



40.0096, 42.2123, 46.0835



40.0820, 42.2123, 46.2866



40.2337, 42.2123, 45.8408



40.1611, 42.2123, 45.6390

Sweetspot

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



40.0108, 42.2141, 46.0844



72.9764, 76.7769, 83.6100



39.9173, 42.1771, 45.5729



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.



40.0108, 42.2141, 46.0844



72.2646, 76.4100, 83.5721



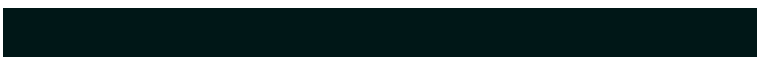
39.9176, 42.0272, 46.0547



8.9143, 9.4216, 10.3009



16.4858, 24.1596, 32.6614



0.4589, 0.6722, 0.9102

Inverse Universe

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



39.9435, 41.9040, 45.5202



72.0496, 75.4198, 81.7704



40.0363, 42.0902, 45.5498



8.8901, 9.3100, 10.0978



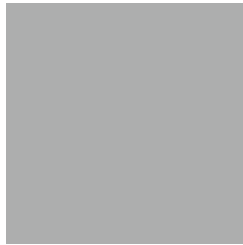
12.6630, 6.5277, 0.6046



0.3526, 0.1817, 0.0183

Previews

White Background



This preview shows how the XYZ color 40.0096, 42.2123, 46.0835 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 40.0096, 42.2123, 46.0835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

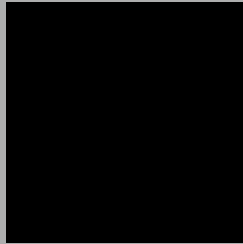
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

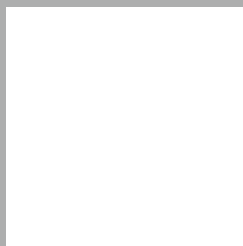
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.0096, 42.2123, 46.0835

Background



This preview shows how black text looks on a background with the XYZ color 40.0096, 42.2123, 46.0835.

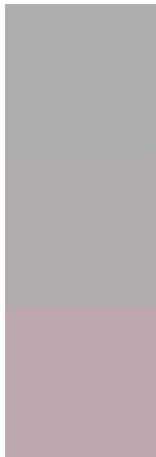


This preview shows how white text looks on a background with the XYZ color 40.0096, 42.2123,

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

40.0096, 42.2123, 46.0835

Protanopia

40.6179, 42.2514, 45.5497

Deuteranopia

42.9757, 42.0476, 46.4084



Tritanopia

41.2946, 42.1642, 52.4164

Trichromacy



Original Color

40.0096, 42.2123, 46.0835

Protanomaly

40.3909, 42.1344, 45.5391

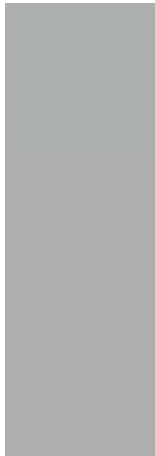
Deuteranomaly

41.8798, 42.0349, 46.4637

Tritanomaly

40.8426, 42.2632, 50.2609

Monochromacy



Original Color

40.0096, 42.2123, 46.0835

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 40.0096, 42.2123, 46.0835 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, 174)` looks like.

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

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, 174) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 40.0096, 42.2123, 46.0835 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, 174) }
```

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

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

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, 174)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 40.0096, 42.2123, 46.0835 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, 174) }
```

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

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

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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