

Converting Colors

XYZ(41.1959, 43.6609, 46.7930)

Have a look what the booklet for
XYZ(41.1959, 43.6609, 46.7930)
contains.

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Color

**XYZ(41.1392, 43.6534,
46.8151)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB1AF
RGB	175, 177, 175
RGB Percent	69%, 69%, 69%
CMY	0.3137, 0.3059, 0.3137
CMYK	0.01, 0.00, 0.01, 0.31
HSL	120°, 1%, 69%
HSV	120°, 1%, 69%
XYZ	41.1392, 43.6534, 46.8151
YIQ	176.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

Format	Color
RYB	175, 177, 177
Decimal	11514287
CIELab	72.00, -1.08, 0.77
CIELCh	72, 1.320, 144.558
Yxy	43.6534, 0.3126, 0.3317
Android (android.graphics.Color)	4289704367 (0xFFAFB1AF)
YUV	176.1740, -0.5788, -1.0296
Hunter-Lab	66.0707, -4.4800, 4.2390

Details

The XYZ color **41.1392, 43.6534, 46.8151** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3989, 43.1825, 47.7503**, and the grayscale version is **41.3618, 43.5158, 47.3887**.

A 20% lighter version of the original color is **76.0550, 80.8140, 86.4530**, and **18.9512, 20.0563, 21.6113** is the 20% darker color. If you saturate the color by 10%, you get **35.7980, 41.0890, 38.0776**, and if you desaturate by 10%, it is **47.2316, 46.5812, 56.7790**.

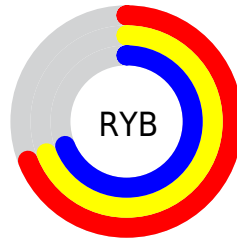
Distribution



Red (69%)

Green (69%)

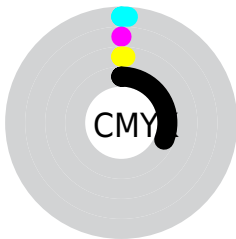
Blue (69%)



Red (69%)

Yellow (69%)

Blue (69%)

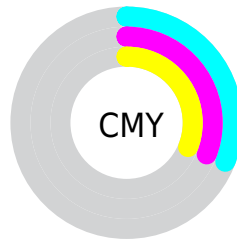


Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1392, 43.6534, 46.8151 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 41.1392, 43.6534, 46.8151 by changing the saturation by 10% instead.

■ 41.1392, 43.6534,
46.8151

■ 41.1392, 43.6534,
46.8151

341.9547,
361.2920, 390.4484

■ 28.6160, 30.3981,
32.5362

■ 76.1685, 80.6959,
86.7846

■ 18.9334, 20.1410,
21.5032

99.4054, 105.2520,
113.3124

■ 11.7259, 12.4976,
13.2975

126.9442,
134.3437, 144.7602

■ 6.6282, 7.0835,
7.5006

159.1503,
168.3556, 181.5465

■ 3.2749, 3.5144,
3.6939

196.3890,
207.6720, 224.0900

■ 1.3008, 1.4058,
1.4590

239.0258,

■ 0.1838, 0.2210,

252.6772, 272.8091

0.1871

287.4259,
303.7558, 328.1223

■ 0.0000, 0.0000,
0.0000

■ 41.1392, 43.6534,
46.8151

■ 41.1392, 43.6534,
46.8151

■ 35.7980, 41.0890,
38.0776

■ 47.2316, 46.5812,
56.7790

■ 31.1753, 38.8685,
30.5165

■ 54.0988, 49.8799,
68.0113

■ 27.2416, 36.9790,
24.0824

■ 61.7679, 53.5637,
80.5552

■ 23.9641, 35.4046,
18.7214

■ 70.2638, 57.6447,
94.4512

■ 21.3069, 34.1282,
14.3751

■ 75.0130, 59.9260,
102.2210

■ 19.2310, 33.1311,
10.9796

■ 17.6930, 32.3923,
8.4637

■ 16.6432, 31.8880,
6.7465

■ 16.0229, 31.5900,
5.7317

Harmonies

Analogous

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



41.3114, 43.6534, 46.4113



41.1392, 43.6534, 46.8151



41.0614, 43.6534, 47.4135

Triad

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



41.1392, 43.6534, 46.8151



41.4502, 43.6534, 48.7773



41.8866, 43.6534, 47.0172

Complementary

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



41.1392, 43.6534, 46.8151



41.3989, 43.1825, 47.7503

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.



41.9241, 43.6534, 47.6489



41.1392, 43.6534, 46.8151



41.6716, 43.6534, 48.6689

Square

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



41.1392, 43.6534, 46.8151



41.2405, 43.6534, 48.5494



41.8453, 43.6534, 48.2544



41.7430, 43.6534, 46.5272

Rectangle

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



41.1392, 43.6534, 46.8151



41.0732, 43.6534, 47.8438



41.8453, 43.6534, 48.2544



41.9121, 43.6534, 47.2199

Sweetspot

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



41.1404, 43.6553, 46.8161



74.8435, 78.7412, 85.7492



41.5934, 43.8888, 46.8372



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.



41.1404, 43.6553, 46.8161



73.7946, 78.2374, 84.0335



41.2392, 43.6948, 47.3361



9.4280, 9.9892, 10.7416



11.3913, 22.7825, 3.7973



0.3584, 0.7168, 0.1195

Inverse Universe

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



41.3989, 43.1825, 47.7503



74.2109, 77.4759, 85.5382



41.2994, 43.1427, 47.2264



9.4767, 9.9000, 10.9177



18.8861, 9.0720, 30.8900



0.5942, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 41.1392, 43.6534, 46.8151 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 41.1392, 43.6534, 46.8151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

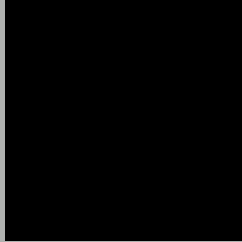
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

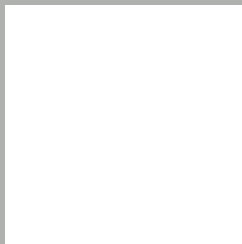
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1392, 43.6534, 46.8151

Background



This preview shows how black text looks on a background with the XYZ color 41.1392, 43.6534, 46.8151.

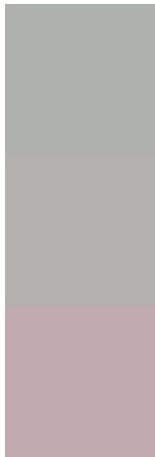


This preview shows how white text looks on a background with the XYZ color 41.1392, 43.6534,

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

41.1392, 43.6534, 46.8151

Protanopia

41.9877, 43.8100, 46.2876

Deuteranopia

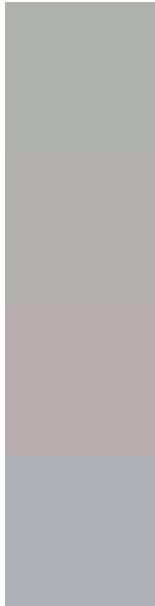
44.3917, 43.5979, 47.1498



Tritanopia

42.6467, 43.6812, 54.3277

Trichromacy



Original Color

41.1392, 43.6534, 46.8151

Protanomaly

41.5254, 43.5716, 46.2659

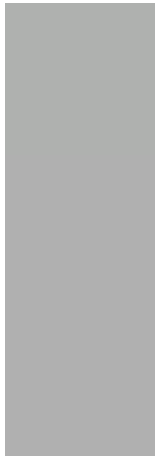
Deuteranomaly

43.0297, 43.4608, 47.1952

Tritanomaly

42.0816, 43.7415, 51.5724

Monochromacy



Original Color

41.1392, 43.6534, 46.8151

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.2663, 43.4154, 47.2793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1392, 43.6534, 46.8151 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, 177, 175)` looks like.

```
.text, #text, p{  
    color:rgb(175, 177, 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, 177, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 177, 175) }
```

Border

The CSS property to change the border of an element to XYZ 41.1392, 43.6534, 46.8151 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, 177, 175) }
```

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

```
.border{ border-color:rgb(175, 177, 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, 177, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 177, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 177, 175);  
box-shadow:4px 4px 4px 4px rgb(175, 177,  
175) }
```


Background

The CSS property to change the background color of an element to XYZ 41.1392, 43.6534, 46.8151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 177, 175) }
```

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

```
.background{ background-color: rgb(175,  
177, 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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