

Converting Colors

XYZ(41.6021, 43.8289, 51.7883)

Have a look what the booklet for
XYZ(41.6021, 43.8289, 51.7883)
contains.

XYZ(41.6075, 43.7892, 51.6066)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.6075, 43.7892,
51.6066)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB1B8
RGB	173, 177, 184
RGB Percent	68%, 69%, 72%
CMY	0.3216, 0.3059, 0.2784
CMYK	0.06, 0.04, 0.00, 0.28
HSL	218°, 7%, 70%
HSV	218°, 6%, 72%
XYZ	41.6075, 43.7892, 51.6066
YIQ	176.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

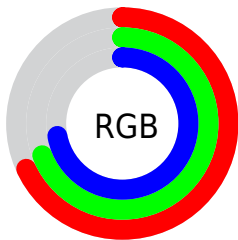
Format	Color
R _Y B	173, 176, 184
Decimal	11383224
CIE Lab	72.09, -0.04, -4.06
CIE LCh	72, 4.061, 269.450
Yxy	43.7892, 0.3037, 0.3196
Android (android.graphics.Color)	4289573304 (0xFFADB1B8)
YUV	176.6020, 3.6472, -3.1590
Hunter-Lab	66.1734, -3.5690, 0.0829

Details

The XYZ color **41.6075, 43.7892, 51.6066** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.6315, 45.8498, 46.0863**, and the grayscale version is **41.5656, 43.7302, 47.6222**.

A 20% lighter version of the original color is **76.8620, 81.0631, 94.0338**, and **19.1895, 20.1189, 24.3447** is the 20% darker color. If you saturate the color by 10%, you get **35.6022, 37.4082, 50.6921**, and if you desaturate by 10%, it is **48.3740, 50.8594, 52.6153**.

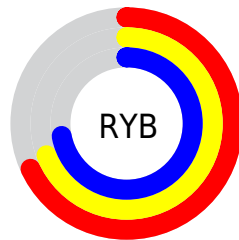
Distribution



Red (68%)

Green (69%)

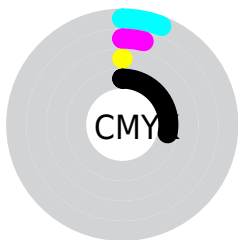
Blue (72%)



Red (68%)

Yellow (69%)

Blue (72%)

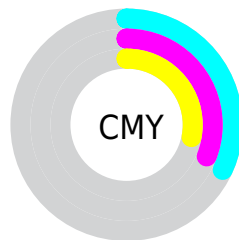


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6075, 43.7892, 51.6066 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 41.6075, 43.7892, 51.6066 by changing the saturation by 10% instead.

■ 41.6075, 43.7892,
51.6066

■ 41.6075, 43.7892,
51.6066

343.8727,
361.8474, 409.8296

■ 28.9838, 30.5048,
36.3115

■ 76.8741, 80.9004,
93.9715

■ 19.2128, 20.2221,
24.3833

100.2478,
105.4961, 121.8783

■ 11.9291, 12.5566,
15.4034

127.9356,
134.6310, 154.8262

■ 6.7673, 7.1239,
8.9532

160.3028,
168.6895, 193.2336

■ 3.3620, 3.5397,
4.6143

197.7147,
208.0559, 237.5191

■ 1.3480, 1.4196,
1.9680

240.5368,

■ 0.2187, 0.2311,

253.1148, 288.1013

0.5355

289.1343,
304.2505, 345.3986

■ 0.0000, 0.0000,
0.0000

■ 41.6075, 43.7892,
51.6066

■ 41.6075, 43.7892,
51.6066

■ 35.6022, 37.4082,
50.6921

■ 48.3740, 50.8594,
52.6153

■ 30.3267, 31.6893,
49.8663

■ 55.9242, 58.6340,
53.7180

■ 25.7526, 26.6114,
49.1273

■ 64.2842, 67.1343,
54.9181

■ 21.8485, 22.1503,
48.4720

■ 73.4779, 76.3795,
56.2181

■ 18.5803, 18.2801,
47.8972

■ 79.7519, 84.4409,
57.4434

■ 15.9105, 14.9727,
47.3995

■ 83.2243, 91.3856,
58.6009

■ 13.7976, 12.1975,
46.9752

■ 85.6519, 96.2407,
59.4100

■ 12.1940, 9.9201,
46.6201

■ 11.0399, 8.0992,
46.3295

Harmonies

Analogous

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



40.9452, 43.7892, 51.0491



41.6075, 43.7892, 51.6066



42.2804, 43.7892, 51.0876

Triad

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



41.6075, 43.7892, 51.6066



42.7941, 43.7892, 45.8232



40.4808, 43.7892, 45.7613

Complementary

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



41.6075, 43.7892, 51.6066



43.6315, 45.8498, 46.0863

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.



40.9672, 43.7892, 44.4255



41.6075, 43.7892, 51.6066



42.3028, 43.7892, 44.4606

Square

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



41.6075, 43.7892, 51.6066



42.9700, 43.7892, 47.7157



41.6331, 43.7892, 43.9559



40.2992, 43.7892, 47.6423

Rectangle

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



41.6075, 43.7892, 51.6066



42.6433, 43.7892, 50.2089



41.6331, 43.7892, 43.9559



40.6138, 43.7892, 45.2355

Sweetspot

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



41.6088, 43.7911, 51.6076



80.0966, 84.2857, 94.2518



42.6097, 46.4599, 49.8849



17.2950, 18.1994, 20.3229



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.6088, 43.7911, 51.6076



74.1173, 78.0020, 93.3541



41.1559, 42.4011, 51.3631



9.0387, 9.5123, 11.4391



7.4061, 5.2718, 31.8803



0.3210, 0.3056, 1.1438

Inverse Universe

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



42.6476, 43.2528, 47.6979



76.3465, 76.8646, 84.9604



44.1017, 47.3090, 46.3432



9.3251, 9.3669, 10.3608



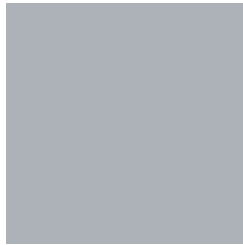
14.3519, 7.3145, 4.4740



0.5362, 0.2699, 0.3169

Previews

White Background



This preview shows how the XYZ color 41.6075, 43.7892, 51.6066 looks on a white background.

Color Contrast Check

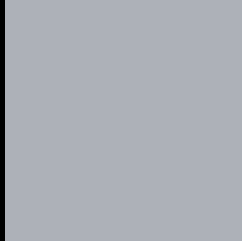
Large Text (above 18pt) WCAG AA × Fail

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 41.6075, 43.7892, 51.6066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

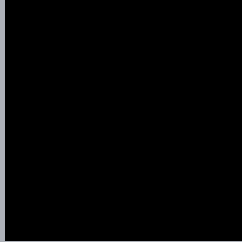
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6075, 43.7892, 51.6066

Background



This preview shows how black text looks on a background with the XYZ color 41.6075, 43.7892, 51.6066.

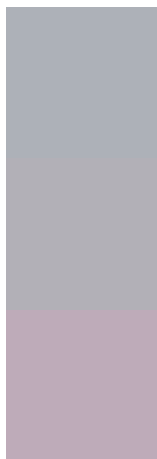


This preview shows how white text looks on a background with the XYZ color 41.6075, 43.7892,

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

41.6075, 43.7892, 51.6066

Protanopia

42.4327, 43.9345, 51.0435

Deuteranopia

44.5551, 43.5758, 51.9616



Tritanopia

42.2752, 43.7670, 54.9349

Trichromacy



Original Color

41.6075, 43.7892, 51.6066

Protanomaly

41.9771, 43.6997, 51.0222

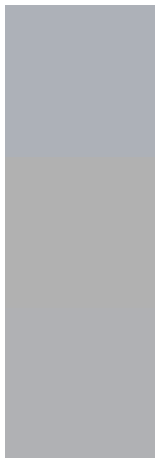
Deuteranomaly

43.4677, 43.5803, 52.0198

Tritanomaly

42.0580, 43.6802, 53.7914

Monochromacy



Original Color

41.6075, 43.7892, 51.6066

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.8649, 43.9697, 49.4605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6075, 43.7892, 51.6066 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, 177, 184)` looks like.

```
.text, #text, p{  
    color:rgb(173, 177, 184)  
}
```

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, 177, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 177, 184) }
```

Border

The CSS property to change the border of an element to XYZ 41.6075, 43.7892, 51.6066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

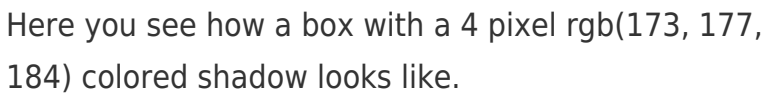
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 177, 184) }
```


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

```
.border{ border-color:rgb(173, 177, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 177, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 177, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 177, 184);  
box-shadow:4px 4px 4px 4px rgb(173, 177,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6075, 43.7892, 51.6066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 177, 184) }
```

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

```
.background{ background-color: rgb(173,  
177, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor