

Converting Colors

XYZ(44.2170, 46.6929, 51.3851)

Have a look what the booklet for
XYZ(44.2170, 46.6929, 51.3851)
contains.

XYZ(44.0976, 46.5781, 51.4660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(44.0976, 46.5781,
51.4660)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B6B7
RGB	180, 182, 183
RGB Percent	71%, 71%, 72%
CMY	0.2941, 0.2863, 0.2823
CMYK	0.02, 0.01, 0.00, 0.28
HSL	200°, 2%, 71%
HSV	200°, 2%, 72%
XYZ	44.0976, 46.5781, 51.4660
YIQ	181.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

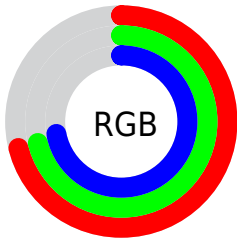
Format	Color
R _Y B	180, 181, 183
Decimal	11843255
CIE Lab	73.92, -0.51, -0.76
CIE LCh	74, 0.914, 236.326
Yxy	46.5781, 0.3102, 0.3277
Android (android.graphics.Color)	4290033335 (0xFFB4B6B7)
YUV	181.5160, 0.7316, -1.3295
Hunter-Lab	68.2482, -4.0990, 3.0631

Details

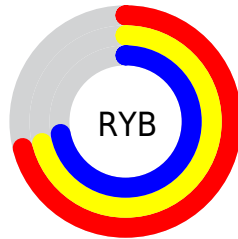
The XYZ color **44.0976, 46.5781, 51.4660** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.2906, 46.4098, 49.8044**, and the grayscale version is **44.1983, 46.5000, 50.6385**.

A 20% lighter version of the original color is **80.7466, 85.2139, 93.8535**, and **20.6319, 21.8242, 24.2442** is the 20% darker color. If you saturate the color by 10%, you get **38.8973, 42.0896, 50.8744**, and if you desaturate by 10%, it is **49.9172, 51.4688, 52.1040**.

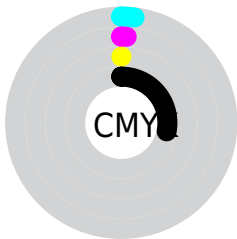
Distribution



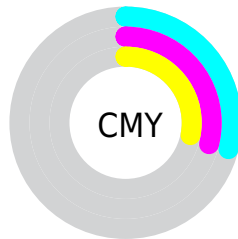
- Red (71%)
- Green (71%)
- Blue (72%)



- Red (71%)
- Yellow (71%)
- Blue (72%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)



- Cyan (29%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0976, 46.5781, 51.4660 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 44.0976, 46.5781, 51.4660 by changing the saturation by 10% instead.

■ 44.0976, 46.5781,
51.4660

■ 44.0976, 46.5781,
51.4660

353.9519,
373.1280, 409.2697

■ 30.9455, 32.7023,
36.2003

■ 80.6100, 85.0835,
93.7618

■ 20.7090, 21.8984,
24.2980

104.7010,
110.4819, 121.6289

■ 13.0227, 13.7823,
15.3406

133.1691,
140.4899, 154.5337

■ 7.5213, 7.9694,
8.9095

166.3795,
175.4919, 192.8945

■ 3.8394, 4.0754,
4.5862

204.6976,
215.8723, 237.1300

■ 1.6117, 1.7158,
1.9521

248.4888,

■ 0.4000, 0.4339,

262.0155, 287.6586

0.5256

298.1185,
314.3059, 344.8990

■ 0.0000, 0.0000,
0.0000

■ 44.0976, 46.5781,
51.4660

■ 44.0976, 46.5781,
51.4660

■ 38.8973, 42.0896,
50.8744

■ 49.9172, 51.4688,
52.1040

■ 34.2897, 37.9846,
50.3249

■ 56.3733, 56.7676,
52.7865

■ 30.2522, 34.2518,
49.8172

■ 63.4877, 62.4881,
53.5157

■ 26.7591, 30.8768,
49.3499

■ 71.2797, 68.6410,
54.2926

■ 23.7825, 27.8443,
48.9214

■ 73.4337, 71.9716,
54.8220

■ 21.2922, 25.1375,
48.5302

■ 74.9866, 75.0775,
55.3396

■ 19.2542, 22.7379,
48.1745

■ 76.5975, 78.2991,
55.8765

■ 17.6300, 20.6244,
47.8521

■ 78.2668, 81.6378,
56.4330

■ 16.3739, 18.7723,
47.5608

■ 79.9952, 85.0947,
57.0091

Harmonies

Analogous

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



43.9909, 46.5781, 51.1146



44.0976, 46.5781, 51.4660



44.2510, 46.5781, 51.6163

Triad

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



44.0976, 46.5781, 51.4660



44.5845, 46.5781, 50.7732



44.1323, 46.5781, 49.9157

Complementary

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



44.0976, 46.5781, 51.4660



44.2906, 46.4098, 49.8044

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.



44.2912, 46.5781, 49.8255



44.0976, 46.5781, 51.4660



44.5525, 46.5781, 50.3188

Square

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



44.0976, 46.5781, 51.4660



44.5323, 46.5781, 51.2148



44.4450, 46.5781, 49.9726



44.0109, 46.5781, 50.2198

Rectangle

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



44.0976, 46.5781, 51.4660



44.3592, 46.5781, 51.5816



44.4450, 46.5781, 49.9726



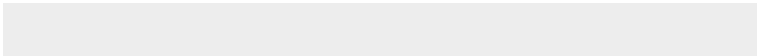
44.1831, 46.5781, 49.8594

Sweetspot

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



44.0989, 46.5801, 51.4670



80.6108, 84.8088, 92.3568



44.0919, 46.9051, 50.4196



17.8044, 18.7317, 20.3988



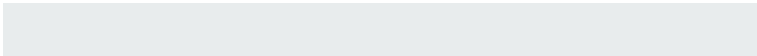
88.6918, 93.3107, 101.6153

Same Dimension

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



44.0989, 46.5801, 51.4670



78.5919, 83.0930, 92.1320



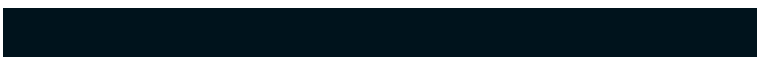
43.8029, 45.9880, 51.3683



9.8933, 10.4557, 11.5762



10.8989, 12.2574, 33.0446



0.4385, 0.5407, 1.1830

Inverse Universe

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



44.2942, 46.0881, 50.8197



79.0249, 82.0044, 90.6960



44.5876, 47.0038, 49.9034



9.9433, 10.3299, 11.4103



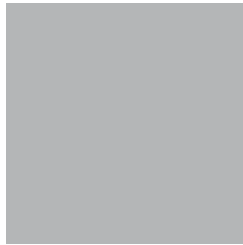
16.1149, 8.0197, 13.7578



0.5955, 0.2937, 0.6293

Previews

White Background



This preview shows how the XYZ color 44.0976, 46.5781, 51.4660 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 44.0976, 46.5781, 51.4660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

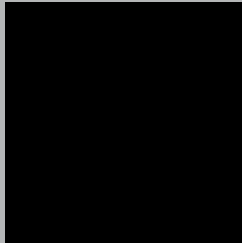
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

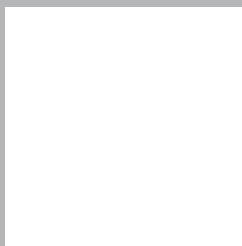
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.0976, 46.5781, 51.4660

Background



This preview shows how black text looks on a background with the XYZ color 44.0976, 46.5781, 51.4660.



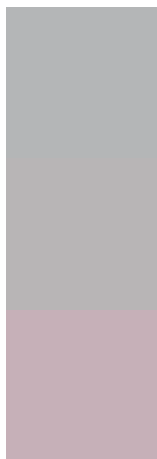
This preview shows how white text looks on a background with the XYZ color 44.0976, 46.5781,

51.4660.

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

44.0976, 46.5781, 51.4660

Protanopia

44.7345, 46.6155, 50.8959

Deuteranopia

47.4658, 46.5171, 51.8244



Tritanopia

45.3503, 46.4826, 57.6208

Trichromacy



Original Color

44.0976, 46.5781, 51.4660

Protanomaly

44.4958, 46.4924, 50.8847

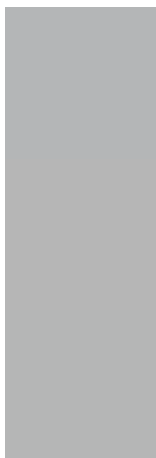
Deuteranomaly

46.0580, 46.3778, 51.8717

Tritanomaly

44.8742, 46.5892, 55.3427

Monochromacy



Original Color

44.0976, 46.5781, 51.4660

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.2275, 46.6571, 50.9306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0976, 46.5781, 51.4660 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(180, 182, 183)` looks like.

```
.text, #text, p{  
    color:rgb(180, 182, 183)  
}
```

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(180, 182, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 182, 183) }
```

Border

The CSS property to change the border of an element to XYZ 44.0976, 46.5781, 51.4660 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(180, 182, 183) }
```

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

```
.border{ border-color:rgb(180, 182, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 182, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 182, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 182, 183);  
box-shadow:4px 4px 4px 4px rgb(180, 182,  
183) }
```


Background

The CSS property to change the background color of an element to XYZ 44.0976, 46.5781, 51.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 182, 183) }
```

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

```
.background{ background-color: rgb(180,  
182, 183) }
```

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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