

Converting Colors

XYZ(46.0316, 50.9984, 50.8585)

Have a look what the booklet for
XYZ(46.0316, 50.9984, 50.8585)
contains.

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Color

**XYZ(46.1306, 51.1385,
50.6194)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C1B4
RGB	180, 193, 180
RGB Percent	71%, 76%, 71%
CMY	0.2941, 0.2431, 0.2941
CMYK	0.07, 0.00, 0.07, 0.24
HSL	120°, 9%, 73%
HSV	120°, 7%, 76%
XYZ	46.1306, 51.1385, 50.6194
YIQ	187.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

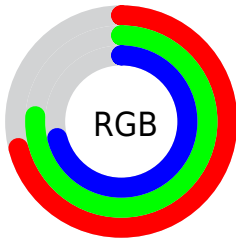
Format	Color
R_YB	180, 193, 193
Decimal	11846068
CIE Lab	76.76, -6.91, 5.00
CIE LCh	77, 8.526, 144.086
Yxy	51.1385, 0.3119, 0.3458
Android (android.graphics.Color)	4290036148 (0xFFB4C1B4)
YUV	187.6310, -3.7621, -6.6924
Hunter-Lab	71.5112, -9.9974, 8.0892

Details

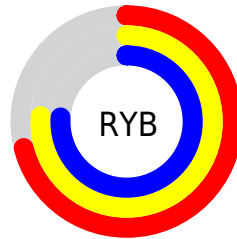
The XYZ color **46.1306, 51.1385, 50.6194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9411, 47.8316, 57.1603**, and the grayscale version is **47.6140, 50.0936, 54.5520**.

A 20% lighter version of the original color is **83.6081, 91.6404, 92.6386**, and **21.9612, 24.8005, 23.7082** is the 20% darker color. If you saturate the color by 10%, you get **40.1154, 48.2506, 40.7792**, and if you desaturate by 10%, it is **53.0482, 54.4629, 61.9332**.

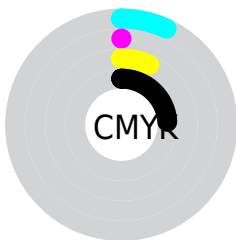
Distribution



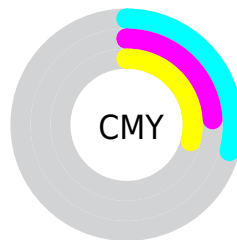
- Red (71%)
- Green (76%)
- Blue (71%)



- Red (71%)
- Yellow (76%)
- Blue (76%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (29%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1306, 51.1385, 50.6194 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 46.1306, 51.1385, 50.6194 by changing the saturation by 10% instead.

■ 46.1306, 51.1385,
50.6194

■ 46.1306, 51.1385,
50.6194

362.0406,
391.1016, 405.8875

■ 32.5540, 36.3188,
35.5312

■ 83.6411, 91.8595,
92.4977

■ 21.9426, 24.6805,
23.7855

108.3056,
118.5296, 120.1248

■ 13.9311, 15.8392,
14.9639

137.3969,
149.9186, 152.7686

■ 8.1541, 9.4104,
8.6477

171.2801,
186.4110, 190.8477

■ 4.2464, 5.0099,
4.4184

210.3208,
228.3911, 234.7806

■ 1.8424, 2.2530,
1.8576

254.8842,

■ 0.5430, 0.7487,

276.2433, 284.9859

0.4655

305.3357,
330.3520, 341.8820

■ 0.0000, 0.0000,
0.0000

■ 46.1306, 51.1385,
50.6194

■ 46.1306, 51.1385,
50.6194

■ 40.1154, 48.2506,
40.7792

■ 53.0482, 54.4629,
61.9332

■ 34.9613, 45.7748,
32.3487

■ 60.8987, 58.2339,
74.7741

■ 30.6302, 43.6944,
25.2645

■ 69.7165, 62.4695,
89.1972

■ 27.0797, 41.9889,
19.4568

■ 78.3609, 66.6219,
103.3370

■ 24.2631, 40.6359,
14.8499

■ 22.1293, 39.6110,
11.3596

■ 20.6204, 38.8861,
8.8914

■ 19.6687, 38.4290,
7.3348

■ 19.1843, 38.1963,
6.5424

Harmonies

Analogous

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



47.3477, 51.1385, 47.9408



46.1306, 51.1385, 50.6194



45.5780, 51.1385, 54.7686

Triad

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



46.1306, 51.1385, 50.6194



48.2859, 51.1385, 65.0166



51.4999, 51.1385, 52.1255

Complementary

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



46.1306, 51.1385, 50.6194



47.9411, 47.8316, 57.1603

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.



51.7645, 51.1385, 56.6037



46.1306, 51.1385, 50.6194



49.8856, 51.1385, 64.2128

Square

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



46.1306, 51.1385, 50.6194



46.8045, 51.1385, 63.2091



51.1676, 51.1385, 61.0695



50.4524, 51.1385, 48.7760

Rectangle

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



46.1306, 51.1385, 50.6194



45.6517, 51.1385, 57.8766



51.1676, 51.1385, 61.0695



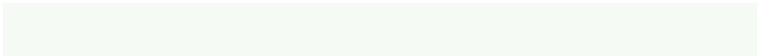
51.6843, 51.1385, 53.5419

Sweetspot

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



46.1320, 51.1407, 50.6205



88.2430, 94.2905, 99.8568



49.3027, 52.7753, 50.7689



18.9582, 20.2415, 21.4670



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



46.1320, 51.1407, 50.6205



81.0282, 90.8249, 88.0556



46.8102, 51.4119, 54.1915



9.9445, 11.2588, 10.7109



12.6838, 25.3676, 4.2280



0.5480, 1.0961, 0.1827

Inverse Universe

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



47.9411, 47.8316, 57.1603



84.8994, 83.7438, 102.0497



47.2315, 47.5477, 53.4234



10.4973, 10.2475, 12.7095



21.0296, 10.1016, 34.3976



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 46.1306, 51.1385, 50.6194 looks on a white background.

Color Contrast Check

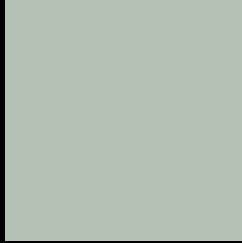
Large Text (above 18pt) WCAG AA × Fail

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 46.1306, 51.1385, 50.6194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

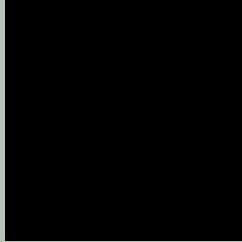
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

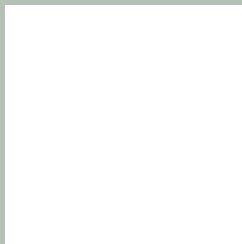
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1306, 51.1385, 50.6194

Background



This preview shows how black text looks on a background with the XYZ color 46.1306, 51.1385, 50.6194.



This preview shows how white text looks on a background with the XYZ color 46.1306, 51.1385,

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

46.1306, 51.1385, 50.6194

Protanopia

48.7392, 51.2116, 49.4355

Deuteranopia

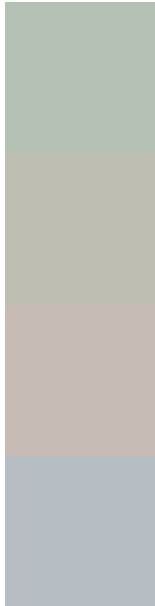
51.9553, 50.9460, 51.3512



Tritanopia

48.8638, 50.9452, 64.3847

Trichromacy



Original Color

46.1306, 51.1385, 50.6194

Protanomaly

47.7853, 51.0287, 49.9788

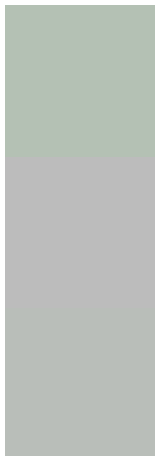
Deuteranomaly

49.6640, 51.0190, 50.9461

Tritanomaly

47.7922, 50.8343, 58.9228

Monochromacy



Original Color

46.1306, 51.1385, 50.6194

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.1780, 50.6440, 53.1877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1306, 51.1385, 50.6194 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, 193, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 193, 180)  
}
```

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, 193, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 193, 180) }
```

Border

The CSS property to change the border of an element to XYZ 46.1306, 51.1385, 50.6194 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, 193, 180) }
```


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

```
.border{ border-color:rgb(180, 193, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 193, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 193, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 193, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 193,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1306, 51.1385, 50.6194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 193, 180) }
```

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

```
.background{ background-color: rgb(180,  
193, 180) }
```

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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