

Converting Colors

XYZ(46.1711, 51.0749, 54.4387)

Have a look what the booklet for
XYZ(46.1711, 51.0749, 54.4387)
contains.

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Color

**XYZ(46.1711, 51.0749,
54.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C1BB
RGB	177, 193, 187
RGB Percent	69%, 76%, 73%
CMY	0.3059, 0.2431, 0.2667
CMYK	0.08, 0.00, 0.03, 0.24
HSL	157°, 11%, 73%
HSV	157°, 8%, 76%
XYZ	46.1711, 51.0749, 54.4387
YIQ	187.5320, -7.6100, -5.2580

Conversions

Conversions Part 2

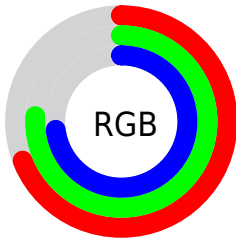
Format	Color
R_{YB}	177, 187, 193
Decimal	11649467
CIE Lab	76.72, -6.62, 1.13
CIE LCh	77, 6.720, 170.301
Yxy	51.0749, 0.3044, 0.3367
Android (android.graphics.Color)	4289839547 (0xFFB1C1BB)
YUV	187.5320, -0.2623, -9.2366
Hunter-Lab	71.4667, -9.7467, 4.8634

Details

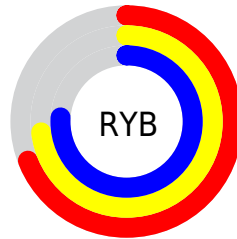
The XYZ color **46.1711, 51.0749, 54.4387** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.2636, 46.2020, 51.2817**, and the grayscale version is **47.5404, 50.0162, 54.4676**.

A 20% lighter version of the original color is **83.6576, 91.5461, 98.0549**, and **21.9933, 24.7625, 26.1747** is the 20% darker color. If you saturate the color by 10%, you get **41.3267, 48.6663, 50.2681**, and if you desaturate by 10%, it is **51.6793, 53.8241, 58.8465**.

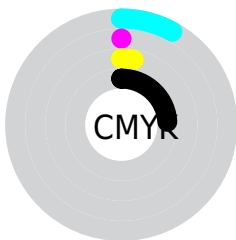
Distribution



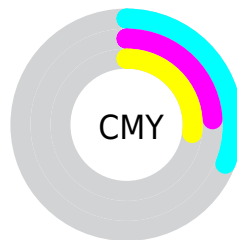
- Red (69%)
- Green (76%)
- Blue (73%)



- Red (69%)
- Yellow (73%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1711, 51.0749, 54.4387 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 46.1711, 51.0749, 54.4387 by changing the saturation by 10% instead.

■ 46.1711, 51.0749,
54.4387

■ 46.1711, 51.0749,
54.4387

362.2005,
390.8547, 421.0025

■ 32.5861, 36.2682,
38.5569

■ 83.7013, 91.7655,
98.1810

■ 21.9672, 24.6414,
26.1101

108.3772,
118.4182, 126.8786

■ 13.9493, 15.8101,
16.6795

137.4807,
149.7883, 160.6852

■ 8.1669, 9.3899,
9.8467

171.3772,
186.2603, 200.0193

■ 4.2546, 4.9963,
5.1932

210.4321,
228.2186, 245.2996

■ 1.8472, 2.2451,
2.3003

255.0107,

■ 0.5458, 0.7444,

276.0474, 296.9446

0.7314

305.4784,
330.1314, 355.3727

■ 0.0000, 0.0000,
0.0000

■ 46.1711, 51.0749,
54.4387

■ 46.1711, 51.0749,
54.4387

■ 41.3267, 48.6663,
50.2681

■ 51.6793, 53.8241,
58.8465

■ 37.1152, 46.5780,
46.3272

■ 57.8718, 56.9200,
63.4921

■ 33.5097, 44.7978,
42.6126

■ 64.7739, 60.3771,
68.3808

■ 30.4795, 43.3098,
39.1198

■ 72.4081, 64.2069,
73.5162

■ 27.9914, 42.0971,
35.8441

■ 73.6573, 64.7404,
78.5682

■ 26.0083, 41.1405,
32.7805

■ 74.6559, 65.1398,
83.8264

■ 24.4885, 40.4187,
29.9237

■ 75.6967, 65.5561,
89.3072

■ 23.3831, 39.9065,
27.2678

■ 76.7803, 65.9896,
95.0133

■ 22.6153, 39.5644,
24.8059

■ 77.9071, 66.4403,
100.9471

Harmonies

Analogous

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



46.6853, 51.0749, 51.2513



46.1711, 51.0749, 54.4387



46.2845, 51.0749, 58.0808

Triad

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



46.1711, 51.0749, 54.4387



49.3998, 51.0749, 62.4523



50.1262, 51.0749, 50.3884

Complementary

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



46.1711, 51.0749, 54.4387



46.2636, 46.2020, 51.2817

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.



50.8783, 51.0749, 53.2139



46.1711, 51.0749, 54.4387



50.4538, 51.0749, 60.2130

Square

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



46.1711, 51.0749, 54.4387



48.1338, 51.0749, 62.8154



50.9992, 51.0749, 56.8018



48.9589, 51.0749, 48.9813

Rectangle

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



46.1711, 51.0749, 54.4387



46.7014, 51.0749, 60.2726



50.9992, 51.0749, 56.8018



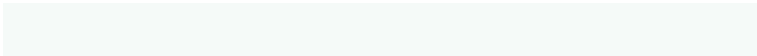
50.4368, 51.0749, 51.1979

Sweetspot

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



46.1725, 51.0771, 54.4398



88.7237, 94.4828, 102.3882



46.5677, 51.4002, 49.0627



19.0562, 20.2807, 21.9832



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.



46.1725, 51.0771, 54.4398



80.9843, 90.6247, 96.0722



46.4187, 50.5193, 57.7593



10.2031, 11.3623, 12.0730



15.0028, 26.2952, 16.4399



0.6808, 1.1491, 0.8816

Inverse Universe

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



46.2636, 46.2020, 51.2817



81.1816, 80.0642, 89.2313



46.0232, 46.7000, 48.1841



10.2260, 10.1390, 11.2805



15.4501, 7.8698, 5.0161



0.7011, 0.3534, 0.3932

Previews

White Background



This preview shows how the XYZ color 46.1711, 51.0749, 54.4387 looks on a white background.

Color Contrast Check

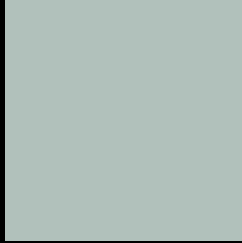
Large Text (above 18pt) WCAG AA × Fail

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 46.1711, 51.0749, 54.4387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

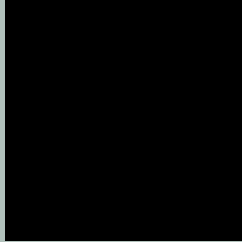
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

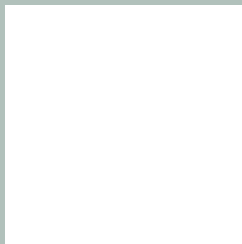
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1711, 51.0749, 54.4387

Background



This preview shows how black text looks on a background with the XYZ color 46.1711, 51.0749, 54.4387.



This preview shows how white text looks on a background with the XYZ color 46.1711, 51.0749,

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

46.1711, 51.0749, 54.4387

Protanopia

48.8831, 50.8965, 52.5950

Deuteranopia

51.8509, 50.8065, 55.2179



Tritanopia

48.2553, 50.9380, 65.0463

Trichromacy



Original Color

46.1711, 51.0749, 54.4387

Protanomaly

47.9094, 51.0211, 53.2219

Deuteranomaly

49.6124, 50.9073, 54.7882

Tritanomaly

47.4143, 50.9225, 60.7561

Monochromacy



Original Color

46.1711, 51.0749, 54.4387

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.2577, 50.6481, 54.8623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1711, 51.0749, 54.4387 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(177, 193, 187)` looks like.

```
.text, #text, p{  
    color:rgb(177, 193, 187)  
}
```

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(177, 193, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 193, 187) }
```

Border

The CSS property to change the border of an element to XYZ 46.1711, 51.0749, 54.4387 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(177, 193, 187) }
```


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

```
.border{ border-color:rgb(177, 193, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 193, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 193, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 193, 187);  
box-shadow:4px 4px 4px 4px rgb(177, 193,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1711, 51.0749, 54.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 193, 187) }
```

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

```
.background{ background-color: rgb(177,  
193, 187) }
```

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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