

Converting Colors

XYZ(46.1699, 53.5571, 48.9784)

Have a look what the booklet for
XYZ(46.1699, 53.5571, 48.9784)
contains.

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Color

**XYZ(46.1699, 53.5571,
48.9784)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC8B0
RGB	175, 200, 176
RGB Percent	69%, 78%, 69%
CMY	0.3137, 0.2157, 0.3098
CMYK	0.13, 0.00, 0.12, 0.22
HSL	122°, 19%, 74%
HSV	122°, 13%, 78%
XYZ	46.1699, 53.5571, 48.9784
YIQ	189.7890, -7.1960, -12.7640

Conversions

Conversions Part 2

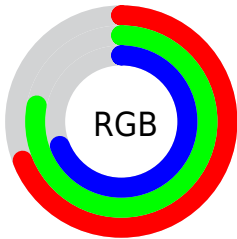
Format	Color
RYB	175, 199, 200
Decimal	11520176
CIELab	78.20, -13.00, 9.18
CIELCh	78, 15.913, 144.783
Yxy	53.5571, 0.3105, 0.3602
Android (android.graphics.Color)	4289710256 (0xFFAFC8B0)
YUV	189.7890, -6.7980, -12.9700
Hunter-Lab	73.1827, -15.4567, 11.5474

Details

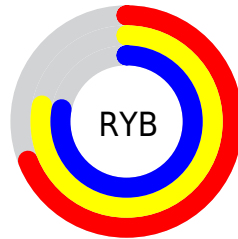
The XYZ color **46.1699, 53.5571, 48.9784** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.4601, 47.0640, 60.5127**, and the grayscale version is **48.8642, 51.4089, 55.9843**.

A 20% lighter version of the original color is **83.2805, 94.3351, 90.1631**, and **21.8801, 26.1254, 22.6284** is the 20% darker color. If you saturate the color by 10%, you get **40.2419, 50.7068, 39.4759**, and if you desaturate by 10%, it is **53.0345, 56.8622, 59.9296**.

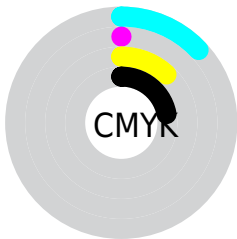
Distribution



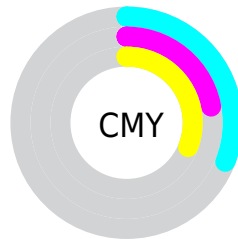
- Red (69%)
- Green (78%)
- Blue (69%)



- Red (69%)
- Yellow (78%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1699, 53.5571, 48.9784 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 46.1699, 53.5571, 48.9784 by changing the saturation by 10% instead.

■ 46.1699, 53.5571,
48.9784

■ 46.1699, 53.5571,
48.9784

362.1958,
400.4188, 399.2773

■ 32.5851, 38.2477,
34.2369

■ 83.6995, 95.4236,
90.0400

■ 21.9665, 26.1750,
22.7968

108.3751,
122.7495, 117.1972

■ 13.9488, 16.9546,
14.2396

137.4782,
154.8497, 149.3300

■ 8.1665, 10.2021,
8.1469

171.3743,
192.1086, 186.8570

■ 4.2544, 5.5332,
4.1000

210.4288,
234.9106, 230.1966

■ 1.8470, 2.5634,
1.6803

255.0070,

■ 0.5458, 0.9083,

283.6400, 279.7676

0.3472

305.4742,
338.6813, 335.9883

■ 0.0000, 0.0000,
0.0000

■ 46.1699, 53.5571,
48.9784

■ 46.1699, 53.5571,
48.9784

■ 40.2419, 50.7068,
39.4759

■ 53.0345, 56.8622,
59.9296

■ 35.2056, 48.2850,
31.3581

■ 60.8692, 60.6336,
72.3830

■ 31.0194, 46.2730,
24.5615

■ 69.7112, 64.8909,
86.3934

■ 27.6363, 44.6482,
19.0162

■ 79.5934, 69.6499,
102.0120

■ 25.0049, 43.3857,
14.6460

■ 79.9453, 69.7907,
103.8651

■ 23.0677, 42.4576,
11.3661

■ 21.7592, 41.8323,
9.0808

■ 21.0010, 41.4717,
7.6774

■ 20.6992, 41.3282,
7.1160

Harmonies

Analogous

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



48.4367, 53.5571, 44.0964



46.1699, 53.5571, 48.9784



45.1740, 53.5571, 56.7700

Triad

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



46.1699, 53.5571, 48.9784



50.3622, 53.5571, 77.1030



56.5336, 53.5571, 51.4208

Complementary

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



46.1699, 53.5571, 48.9784



49.4601, 47.0640, 60.5127

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.



57.1000, 53.5571, 59.8870



46.1699, 53.5571, 48.9784



53.4546, 53.5571, 75.3011

Square

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



46.1699, 53.5571, 48.9784



47.5306, 53.5571, 73.4681



55.9520, 53.5571, 68.7676



54.4342, 53.5571, 45.4026

Rectangle

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



46.1699, 53.5571, 48.9784



45.3343, 53.5571, 62.7982



55.9520, 53.5571, 68.7676



56.9131, 53.5571, 54.0496

Sweetspot

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



46.1714, 53.5594, 48.9796



89.8597, 97.5018, 100.6365



51.9919, 56.5714, 48.7370



19.0314, 20.7720, 21.2180



0.0000, 0.0000, 0.0000



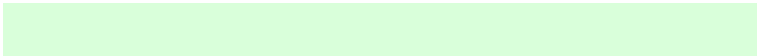
20.3446, 21.4041, 23.3091

Same Dimension

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



46.1714, 53.5594, 48.9796



76.9927, 91.3101, 80.0890



47.4481, 54.0701, 55.7030



10.5144, 11.8946, 11.3929



13.1685, 26.2798, 4.5660



0.6297, 1.2468, 0.2485

Inverse Universe

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



49.4601, 47.0640, 60.5127



83.7930, 77.8787, 103.9368



48.0851, 46.5140, 53.2721



11.0641, 10.8090, 13.3206



21.2029, 10.2307, 32.6077



1.0098, 0.4868, 1.5747

Previews

White Background



This preview shows how the XYZ color 46.1699, 53.5571, 48.9784 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 46.1699, 53.5571, 48.9784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

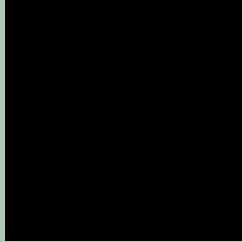
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.1699, 53.5571, 48.9784

Background



This preview shows how black text looks on a background with the XYZ color 46.1699, 53.5571, 48.9784.



This preview shows how white text looks on a background with the XYZ color 46.1699, 53.5571,

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

46.1699, 53.5571, 48.9784

Protanopia

50.3834, 53.0953, 46.6227

Deuteranopia

54.3109, 53.1242, 50.0393



Tritanopia

50.3290, 53.5571, 69.3130

Trichromacy



Original Color

46.1699, 53.5571, 48.9784

Protanomaly

48.7962, 53.2538, 47.2423

Deuteranomaly

51.0238, 53.0325, 49.6665

Tritanomaly

48.7497, 53.5934, 61.2013

Monochromacy



Original Color

46.1699, 53.5571, 48.9784

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.0563, 52.4006, 53.4804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1699, 53.5571, 48.9784 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, 200, 176)` looks like.

```
.text, #text, p{  
    color:rgb(175, 200, 176)  
}
```

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, 200, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 200, 176) }
```

Border

The CSS property to change the border of an element to XYZ 46.1699, 53.5571, 48.9784 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, 200, 176) }
```


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

```
.border{ border-color:rgb(175, 200, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 200, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 200, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 200, 176);  
box-shadow:4px 4px 4px 4px rgb(175, 200,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1699, 53.5571, 48.9784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 200, 176) }
```

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

```
.background{ background-color: rgb(175,  
200, 176) }
```

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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