

Converting Colors

XYZ(46.9224, 53.9103, 50.5805)

Have a look what the booklet for
XYZ(46.9224, 53.9103, 50.5805)
contains.

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Color

**XYZ(46.9224, 53.9103,
50.5805)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C8B3
RGB	177, 200, 179
RGB Percent	69%, 78%, 70%
CMY	0.3059, 0.2157, 0.2980
CMYK	0.12, 0.00, 0.11, 0.22
HSL	125°, 17%, 74%
HSV	125°, 12%, 78%
XYZ	46.9224, 53.9103, 50.5805
YIQ	190.7290, -6.9670, -11.4070

Conversions

Conversions Part 2

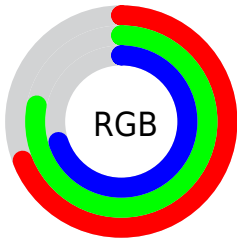
Format	Color
RYB	177, 198, 200
Decimal	11651251
CIELab	78.41, -11.77, 7.88
CIElCh	78, 14.162, 146.192
Yxy	53.9103, 0.3099, 0.3560
Android (android.graphics.Color)	4289841331 (0xFFB1C8B3)
YUV	190.7290, -5.7824, -12.0403
Hunter-Lab	73.4236, -14.4184, 10.5525

Details

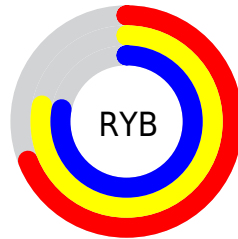
The XYZ color **46.9224, 53.9103, 50.5805** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.7365, 47.8021, 60.0339**, and the grayscale version is **49.4008, 51.9735, 56.5991**.

A 20% lighter version of the original color is **84.3597, 94.8418, 92.4573**, and **22.3570, 26.3492, 23.6462** is the 20% darker color. If you saturate the color by 10%, you get **40.9702, 51.0428, 41.2912**, and if you desaturate by 10%, it is **53.7899, 57.2244, 61.1917**.

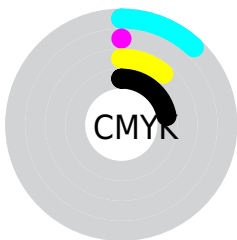
Distribution



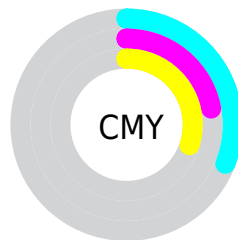
- Red (69%)
- Green (78%)
- Blue (70%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.9224, 53.9103, 50.5805 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 46.9224, 53.9103, 50.5805 by changing the saturation by 10% instead.

■ 46.9224, 53.9103,
50.5805

■ 46.9224, 53.9103,
50.5805

365.1588,
401.7679, 405.7316

■ 33.1820, 38.5300,
35.5005

■ 84.8172, 95.9425,
92.4395

■ 22.4258, 26.3943,
23.7620

109.7024,
123.3632, 120.0556

■ 14.2885, 17.1188,
14.9466

139.0331,
155.5661, 152.6874

■ 8.4046, 10.3192,
8.6357

173.1749,
192.9356, 190.7535

■ 4.4089, 5.6111,
4.4108

212.4930,
235.8562, 234.6724

■ 1.9360, 2.6101,
1.8533

257.3527,

■ 0.5976, 0.9317,

284.7121, 284.8627

0.4628

308.1196,
339.8879, 341.7430

■ 0.0000, 0.0000,
0.0000

■ 46.9224, 53.9103,
50.5805

■ 46.9224, 53.9103,
50.5805

■ 40.9702, 51.0428,
41.2912

■ 53.7899, 57.2244,
61.1917

■ 35.8904, 48.5964,
33.2687

■ 61.6044, 60.9959,
73.1700

■ 31.6433, 46.5533,
26.4591

■ 70.4016, 65.2437,
86.5629

■ 28.1843, 44.8917,
20.8034

■ 79.4733, 69.6018,
101.3797

■ 25.4647, 43.5879,
16.2377

■ 79.9453, 69.7906,
103.8651

■ 23.4303, 42.6155,
12.6919

■ 22.0196, 41.9444,
10.0876

■ 21.1597, 41.5391,
8.3350

■ 20.7596, 41.3523,
7.4342

Harmonies

Analogous

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



48.9150, 53.9103, 45.9968



46.9224, 53.9103, 50.5805



46.0855, 53.9103, 57.6875

Triad

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



46.9224, 53.9103, 50.5805



50.8857, 53.9103, 75.3516



56.1919, 53.9103, 52.1932

Complementary

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



46.9224, 53.9103, 50.5805



49.7365, 47.8021, 60.0339

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.



56.7654, 53.9103, 59.7225



46.9224, 53.9103, 50.5805



53.6378, 53.9103, 73.5480

Square

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



46.9224, 53.9103, 50.5805



48.3208, 53.9103, 72.3718



55.8149, 53.9103, 67.6431



54.2747, 53.9103, 46.8671

Rectangle

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



46.9224, 53.9103, 50.5805



46.2725, 53.9103, 63.0760



55.8149, 53.9103, 67.6431



56.5511, 53.9103, 54.5296

Sweetspot

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



46.9239, 53.9126, 50.5817



91.1870, 98.1361, 102.9554



51.9030, 56.5026, 49.7661



19.3023, 20.9012, 21.7046



0.0000, 0.0000, 0.0000



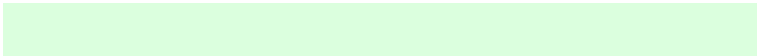
20.3446, 21.4041, 23.3091

Same Dimension

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



46.9239, 53.9126, 50.5817



78.3029, 91.9223, 83.0076



48.1273, 54.3939, 56.9186



10.5343, 11.9026, 11.4978



13.2133, 26.2977, 4.8019



0.6388, 1.2505, 0.2968

Inverse Universe

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



49.7365, 47.8021, 60.0339



84.2040, 79.1014, 102.8387



48.4683, 47.2949, 53.3559



11.0418, 10.8001, 13.2033



20.5707, 9.9778, 29.2788



0.9860, 0.4772, 1.4495

Previews

White Background



This preview shows how the XYZ color 46.9224, 53.9103, 50.5805 looks on a white background.

Color Contrast Check

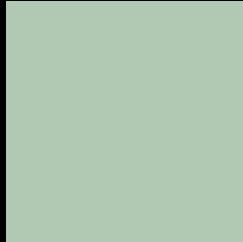
Large Text (above 18pt) WCAG AA × Fail

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 46.9224, 53.9103, 50.5805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

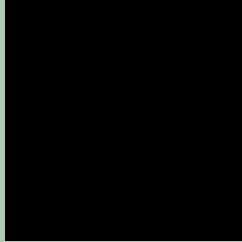
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

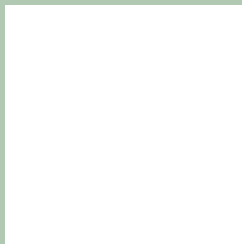
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.9224, 53.9103, 50.5805

Background



This preview shows how black text looks on a background with the XYZ color 46.9224, 53.9103, 50.5805.



This preview shows how white text looks on a background with the XYZ color 46.9224, 53.9103,

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

46.9224, 53.9103, 50.5805

Protanopia

50.8952, 53.6526, 48.2310

Deuteranopia

54.8291, 53.6698, 51.7255



Tritanopia

50.5644, 53.6784, 69.3240

Trichromacy



Original Color

46.9224, 53.9103, 50.5805

Protanomaly

49.3146, 53.8209, 48.8636

Deuteranomaly

51.5472, 53.5920, 51.3435

Tritanomaly

49.0974, 53.7593, 61.8217

Monochromacy



Original Color

46.9224, 53.9103, 50.5805

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.5111, 52.6105, 54.6117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9224, 53.9103, 50.5805 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, 200, 179)` looks like.

```
.text, #text, p{  
    color:rgb(177, 200, 179)  
}
```

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, 200, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 200, 179) }
```

Border

The CSS property to change the border of an element to XYZ 46.9224, 53.9103, 50.5805 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, 200, 179) }
```


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

```
.border{ border-color:rgb(177, 200, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 200, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 200, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 200, 179);  
box-shadow:4px 4px 4px 4px rgb(177, 200,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9224, 53.9103, 50.5805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 200, 179) }
```

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

```
.background{ background-color: rgb(177,  
200, 179) }
```

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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