

Converting Colors

XYZ(51.0107, 64.6702, 53.8707)

Have a look what the booklet for
XYZ(51.0107, 64.6702, 53.8707)
contains.

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Color

**XYZ(50.9796, 64.4776,
54.0145)**

Conversions

Conversions Part 1

Format	Color
Hex	A8DFB6
RGB	168, 223, 182
RGB Percent	66%, 87%, 71%
CMY	0.3412, 0.1255, 0.2863
CMYK	0.25, 0.00, 0.18, 0.13
HSL	135°, 46%, 77%
HSV	135°, 25%, 87%
XYZ	50.9796, 64.4776, 54.0145
YIQ	201.8810, -19.6190, -24.4110

Conversions

Conversions Part 2

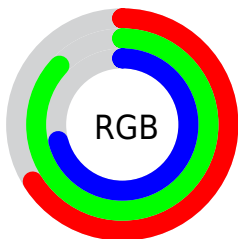
Format	Color
RYB	168, 212, 223
Decimal	11067318
CIELab	84.21, -25.71, 14.46
CIElCh	84, 29.497, 150.648
Yxy	64.4776, 0.3008, 0.3805
Android (android.graphics.Color)	4289257398 (0xFFA8DFB6)
YUV	201.8810, -9.8013, -29.7136
Hunter-Lab	80.2979, -27.1952, 16.3256

Details

The XYZ color **50.9796, 64.4776, 54.0145** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55.9449, 48.2981, 66.6981**, and the grayscale version is **56.1342, 59.0575, 64.3136**.

A 20% lighter version of the original color is **81.9331, 93.5403, 94.6257**, and **25.0353, 33.2351, 25.8644** is the 20% darker color. If you saturate the color by 10%, you get **45.0158, 61.5919, 45.2937**, and if you desaturate by 10%, it is **57.9650, 67.8701, 63.8506**.

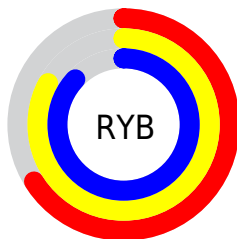
Distribution



Red (66%)

Green (87%)

Blue (71%)



Red (66%)

Yellow (83%)

Blue (87%)

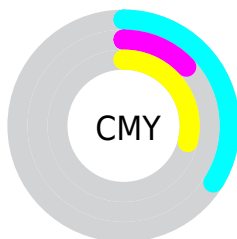


Cyan (25%)

Magenta (0%)

Yellow (18%)

Black (13%)



Cyan (34%)


Magenta (13%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9796, 64.4776, 54.0145 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 50.9796, 64.4776, 54.0145 by changing the saturation by 10% instead.


 50.9796, 64.4776,
54.0145

 50.9796, 64.4776,
54.0145


380.8735,
440.9123, 419.3415

 36.4134, 47.0376,
38.2200


 90.8078, 111.2985,
97.5522

 24.9252, 33.0654,
25.8503

 116.8004,
141.4481, 126.1324

 16.1498, 22.1765,
16.4869


147.3326,
176.6032, 159.8116

 9.7217, 13.9867,
9.7113

182.7696,
217.1479, 199.0084

 5.2757, 8.1114,
5.1049

223.4769,
263.4668, 244.1412

 2.4463, 4.1663,
2.2491

269.8197,

 0.8683, 1.7670,

315.9443, 295.6286

0.7025

322.1634,
374.9646, 353.8892

■ 0.0000, 0.4665,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.9796, 64.4776,
54.0145

■ 50.9796, 64.4776,
54.0145

■ 45.0158, 61.5919,
45.2937

■ 57.9650, 67.8701,
63.8506

■ 40.0199, 59.1805,
37.6445

■ 66.0122, 71.7837,
74.8350

■ 35.9407, 57.2198,
31.0266

■ 75.1654, 76.2425,
87.0049

■ 32.7204, 55.6810,
25.3956

■ 84.6496, 80.8461,
100.3561

■ 30.2943, 54.5316,
20.7037

■ 85.6789, 81.2579,
105.7763

■ 28.5880, 53.7344,
16.8991

■ 27.5117, 53.2443,
13.9249

■ 27.1216, 53.0709,
12.6543

Harmonies

Analogous

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



55.1044, 64.4776, 43.5930



50.9796, 64.4776, 54.0145



49.5680, 64.4776, 70.6125

Triad

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



50.9796, 64.4776, 54.0145



61.4261, 64.4776, 112.6445



72.7318, 64.4776, 53.4253

Complementary

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



50.9796, 64.4776, 54.0145



55.9449, 48.2981, 66.6981

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.



74.7144, 64.4776, 69.7993



50.9796, 64.4776, 54.0145



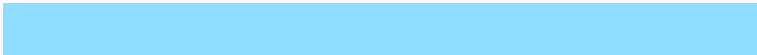
67.9092, 64.4776, 105.9034

Square

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



50.9796, 64.4776, 54.0145



55.3338, 64.4776, 106.4391



72.8911, 64.4776, 89.3454



67.6462, 64.4776, 43.2977

Rectangle

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



50.9796, 64.4776, 54.0145



50.2707, 64.4776, 83.6624



72.8911, 64.4776, 89.3454



73.7988, 64.4776, 58.2744

Sweetspot

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



50.9813, 64.4803, 54.0159



86.7162, 95.9428, 97.7117



59.8233, 69.1974, 47.2498



18.4145, 20.4645, 20.7158



0.0000, 0.0000, 0.0000



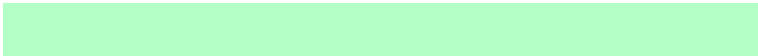
20.3446, 21.4041, 23.3091

Same Dimension

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



50.9813, 64.4803, 54.0159



64.4249, 85.1202, 66.4437



54.0777, 65.7189, 70.3213



13.6712, 15.3942, 15.3039



15.9851, 31.2189, 7.6445



1.1439, 2.1783, 0.7187

Inverse Universe

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



55.9449, 48.2981, 66.6981



72.3318, 59.3288, 86.6368



52.8536, 47.0616, 50.4199



14.1382, 13.8729, 16.4979



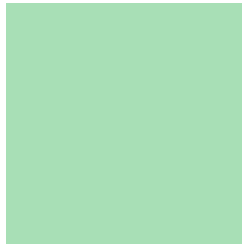
22.0010, 10.8674, 22.4689



1.5605, 0.7675, 1.7444

Previews

White Background



This preview shows how the XYZ color 50.9796, 64.4776, 54.0145 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 50.9796, 64.4776, 54.0145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

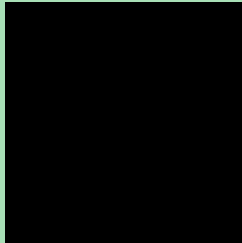
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

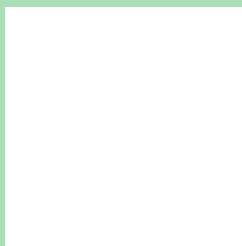
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9796, 64.4776, 54.0145

Background



This preview shows how black text looks on a background with the XYZ color 50.9796, 64.4776, 54.0145.



This preview shows how white text looks on a background with the XYZ color 50.9796, 64.4776,

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

50.9796, 64.4776, 54.0145

Protanopia

60.3571, 64.0682, 49.7427

Deuteranopia

65.2434, 63.9634, 55.3618



Tritanopia

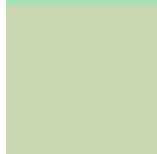
57.3953, 64.3420, 86.4850

Trichromacy



Original Color

50.9796, 64.4776, 54.0145



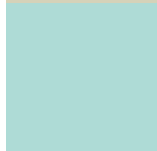
Protanomaly

56.4396, 63.8640, 51.4718



Deuteranomaly

59.2441, 63.7421, 55.0799



Tritanomaly

54.9247, 64.5167, 73.1765

Monochromacy



Original Color

50.9796, 64.4776, 54.0145



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

54.1321, 60.9805, 60.5471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9796, 64.4776, 54.0145 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(168, 223, 182)` looks like.

```
.text, #text, p{  
    color:rgb(168, 223, 182)  
}
```

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(168, 223, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 223, 182) }
```

Border

The CSS property to change the border of an element to XYZ 50.9796, 64.4776, 54.0145 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(168, 223, 182) }
```


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

```
.border{ border-color:rgb(168, 223, 182) }
```

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

Here you see how a box with a 4 pixel rgb(168, 223, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 223, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 223, 182);  
box-shadow:4px 4px 4px 4px rgb(168, 223,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9796, 64.4776, 54.0145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 223, 182) }
```

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

```
.background{ background-color: rgb(168,  
223, 182) }
```

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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