

Converting Colors

XYZ(50.7468, 64.0757, 50.7559)

Have a look what the booklet for
XYZ(50.7468, 64.0757, 50.7559)
contains.

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Color

**XYZ(50.7523, 64.0351,
50.7594)**

Conversions

Conversions Part 1

Format	Color
Hex	ABDEB0
RGB	171, 222, 176
RGB Percent	67%, 87%, 69%
CMY	0.3294, 0.1294, 0.3098
CMYK	0.23, 0.00, 0.21, 0.13
HSL	126°, 44%, 77%
HSV	126°, 23%, 87%
XYZ	50.7523, 64.0351, 50.7594
YIQ	201.5070, -15.6300, -25.1180

Conversions

Conversions Part 2

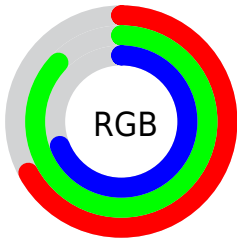
Format	Color
RYB	171, 217, 222
Decimal	11263664
CIELab	83.98, -25.32, 17.31
CIElCh	84, 30.674, 145.648
Yxy	64.0351, 0.3066, 0.3868
Android (android.graphics.Color)	4289453744 (0xFFABDEB0)
YUV	201.5070, -12.5750, -26.7546
Hunter-Lab	80.0219, -26.8284, 18.4066

Details

The XYZ color **50.7523, 64.0351, 50.7594** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57.2136, 49.6665, 72.2193**, and the grayscale version is **55.9161, 58.8281, 64.0638**.

A 20% lighter version of the original color is **82.0040, 93.6771, 90.1033**, and **24.8651, 32.9190, 23.7824** is the 20% darker color. If you saturate the color by 10%, you get **44.4795, 61.0155, 40.8757**, and if you desaturate by 10%, it is **58.1330, 67.5957, 62.2232**.

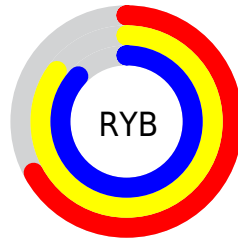
Distribution



Red (67%)

Green (87%)

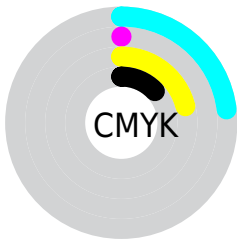
Blue (69%)



Red (67%)

Yellow (85%)

Blue (87%)

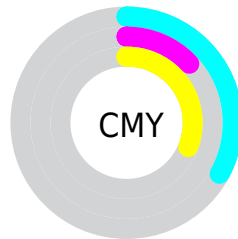


Cyan (23%)

Magenta (0%)

Yellow (21%)

Black (13%)



Cyan (33%)

Magenta (13%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7523, 64.0351, 50.7594 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 50.7523, 64.0351, 50.7594 by changing the saturation by 10% instead.

■ 50.7523, 64.0351,
50.7594

■ 50.7523, 64.0351,
50.7594

380.0042,
439.3164, 406.4481

■ 36.2318, 46.6791,
35.6418

■ 90.4737, 110.6615,
92.7069

■ 24.7842, 32.7820,
23.8702

116.4053,
140.7007, 120.3738

■ 16.0442, 21.9595,
15.0260

146.8712,
175.7364, 153.0609

■ 9.6465, 13.8272,
8.6908

182.2369,
216.1530, 191.1868

■ 5.2257, 8.0006,
4.4460

222.8677,
262.3349, 235.1699

■ 2.4164, 4.0953,
1.8731

269.1289,

■ 0.8533, 1.7270,

314.6665, 285.4288

0.4755

321.3860,
373.5322, 342.3820

■ 0.0000, 0.4411,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.7523, 64.0351,
50.7594

■ 50.7523, 64.0351,
50.7594

■ 44.4795, 61.0155,
40.8757

■ 58.1330, 67.5957,
62.2232

■ 39.2562, 58.5028,
32.4988

■ 66.6661, 71.7135,
75.3276

■ 35.0263, 56.4715,
25.5559

■ 76.4000, 76.4139,
90.1351

■ 31.7266, 54.8907,
19.9667

■ 85.4126, 80.7251,
105.6875

■ 29.2864, 53.7259,
15.6428

■ 27.6248, 52.9375,
12.4854

■ 26.6454, 52.4781,
10.3809

■ 26.2651, 52.3021,
9.4584

Harmonies

Analogous

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



55.4098, 64.0351, 41.2653



50.7523, 64.0351, 50.7594



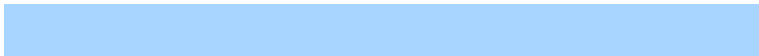
48.8029, 64.0351, 66.9368

Triad

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



50.7523, 64.0351, 50.7594



59.8825, 64.0351, 113.8095



73.3467, 64.0351, 54.8223

Complementary

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



50.7523, 64.0351, 50.7594



57.2136, 49.6665, 72.2193

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.



74.7633, 64.0351, 72.5861



50.7523, 64.0351, 50.7594



66.6637, 64.0351, 108.9454

Square

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



50.7523, 64.0351, 50.7594



53.8207, 64.0351, 105.1862



72.2355, 64.0351, 92.9048



68.4952, 64.0351, 43.2885

Rectangle

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



50.7523, 64.0351, 50.7594



49.1873, 64.0351, 80.2518



72.2355, 64.0351, 92.9048



74.2550, 64.0351, 60.1585

Sweetspot

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



50.7540, 64.0378, 50.7608



86.3004, 95.7765, 95.5223



62.3134, 70.0530, 48.7659



18.3185, 20.4261, 20.2103



0.0000, 0.0000, 0.0000



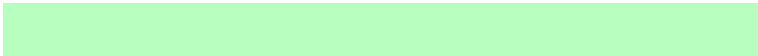
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7540, 64.0378, 50.7608



64.7916, 85.4051, 62.1302



53.4309, 65.1086, 64.8573



13.5831, 15.3590, 14.8399



15.6187, 31.0723, 5.7151



1.1015, 2.1613, 0.4955

Inverse Universe

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



57.2136, 49.6665, 72.2193



75.2407, 62.1523, 96.8372



54.2312, 48.4735, 56.5140



14.2341, 13.9113, 17.0027



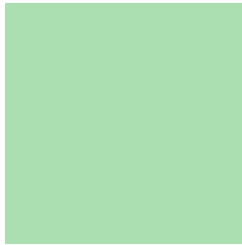
24.1250, 11.7170, 33.6536



1.6892, 0.8190, 2.4224

Previews

White Background



This preview shows how the XYZ color 50.7523, 64.0351, 50.7594 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 50.7523, 64.0351, 50.7594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

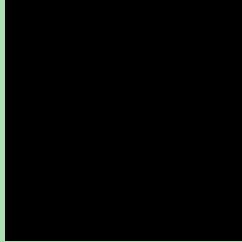
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7523, 64.0351, 50.7594

Background



This preview shows how black text looks on a background with the XYZ color 50.7523, 64.0351, 50.7594.



This preview shows how white text looks on a background with the XYZ color 50.7523, 64.0351,

50.7594.

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

50.7523, 64.0351, 50.7594

Protanopia

59.5361, 63.3485, 46.6257

Deuteranopia

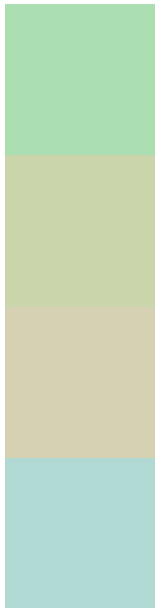
64.7215, 63.4193, 52.0100



Tritanopia

57.6681, 63.7431, 85.6081

Trichromacy



Original Color

50.7523, 64.0351, 50.7594

Protanomaly

55.8692, 63.2636, 48.2962

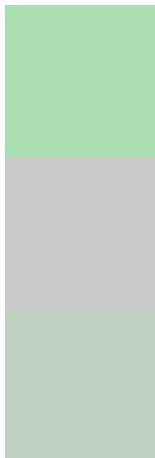
Deuteranomaly

58.6687, 63.1517, 51.7452

Tritanomaly

54.8280, 63.7263, 71.6980

Monochromacy



Original Color

50.7523, 64.0351, 50.7594

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

53.9120, 60.5275, 59.2936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7523, 64.0351, 50.7594 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(171, 222, 176)` looks like.

```
.text, #text, p{  
    color:rgb(171, 222, 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(171, 222, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 222, 176) }
```

Border

The CSS property to change the border of an element to XYZ 50.7523, 64.0351, 50.7594 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(171, 222, 176) }
```


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

```
.border{ border-color:rgb(171, 222, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 222, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 222, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 222, 176);  
box-shadow:4px 4px 4px 4px rgb(171, 222,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7523, 64.0351, 50.7594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 222, 176) }
```

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

```
.background{ background-color: rgb(171,  
222, 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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