

Converting Colors

XYZ(51.1825, 64.1396, 53.4157)

Have a look what the booklet for
XYZ(51.1825, 64.1396, 53.4157)
contains.

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Color

**XYZ(51.2564, 64.2367,
53.4135)**

Conversions

Conversions Part 1

Format	Color
Hex	ABDEB5
RGB	171, 222, 181
RGB Percent	67%, 87%, 71%
CMY	0.3294, 0.1294, 0.2902
CMYK	0.23, 0.00, 0.18, 0.13
HSL	132°, 44%, 77%
HSV	132°, 23%, 87%
XYZ	51.2564, 64.2367, 53.4135
YIQ	202.0770, -17.2350, -23.5630

Conversions

Conversions Part 2

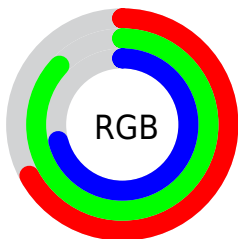
Format	Color
RYB	171, 214, 222
Decimal	11263669
CIELab	84.09, -24.44, 14.83
CIELCh	84, 28.586, 148.744
Yxy	64.2367, 0.3035, 0.3803
Android (android.graphics.Color)	4289453749 (0xFFABDEB5)
YUV	202.0770, -10.3910, -27.2545
Hunter-Lab	80.1478, -26.1037, 16.5904

Details

The XYZ color **51.2564, 64.2367, 53.4135** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.5731, 49.4104, 68.8457**, and the grayscale version is **56.2590, 59.1889, 64.4567**.

A 20% lighter version of the original color is **82.7246, 93.9653, 93.8978**, and **25.1862, 33.0475, 25.4734** is the 20% darker color. If you saturate the color by 10%, you get **45.1054, 61.2658, 44.1710**, and if you desaturate by 10%, it is **58.4577, 67.7256, 63.9325**.

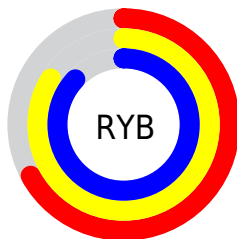
Distribution



Red (67%)

Green (87%)

Blue (71%)



Red (67%)

Yellow (84%)

Blue (87%)

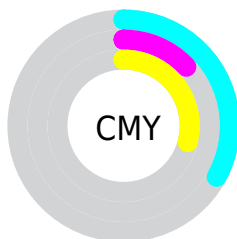


Cyan (23%)

Magenta (0%)

Yellow (18%)

Black (13%)



Cyan (33%)


Magenta (13%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2564, 64.2367, 53.4135 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 51.2564, 64.2367, 53.4135 by changing the saturation by 10% instead.


 51.2564, 64.2367,
53.4135

 51.2564, 64.2367,
53.4135

381.9304,
440.0439, 416.9807

 36.6346, 46.8424,
37.7430


 91.2144, 110.9518,
96.6603

 25.0971, 32.9111,
25.4830

117.2813,
141.0413, 125.0736

 16.2785, 22.0583,
16.2150


147.8939,
176.1314, 158.5716

 9.8135, 13.8998,
9.5204

183.4176,
216.6064, 197.5728

 5.3368, 8.0510,
4.9807

224.2178,
262.8508, 242.4958

 2.4830, 4.1276,
2.1774

270.6597,

 0.8867, 1.7452,

315.2489, 293.7591

0.6613

323.1088,
374.1852, 351.7812

■ 0.0000, 0.4527,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.2564, 64.2367,
53.4135

■ 51.2564, 64.2367,
53.4135

■ 45.1054, 61.2658,
44.1710

■ 58.4577, 67.7256,
63.9325

■ 39.9501, 58.7803,
36.1524

■ 66.7502, 71.7471,
75.7697

■ 35.7388, 56.7564,
29.3074

■ 76.1789, 76.3254,
88.9700

■ 32.4129, 55.1652,
23.5808

■ 84.9954, 80.5582,
103.4912

■ 29.9074, 53.9742,
18.9130

■ 85.4125, 80.7250,
105.6875

■ 28.1477, 53.1466,
15.2386

■ 27.0449, 52.6379,
12.4849

■ 26.5683, 52.4234,
11.0551

Harmonies

Analogous

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



55.4025, 64.2367, 43.6791



51.2564, 64.2367, 53.4135



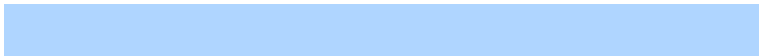
49.7072, 64.2367, 69.1838

Triad

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



51.2564, 64.2367, 53.4135



60.7894, 64.2367, 110.7663



72.3265, 64.2367, 54.5236

Complementary

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



51.2564, 64.2367, 53.4135



56.5731, 49.4104, 68.8457

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.



74.0105, 64.2367, 70.7075



51.2564, 64.2367, 53.4135



67.0796, 64.2367, 105.0593

Square

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



51.2564, 64.2367, 53.4135



54.9718, 64.2367, 104.0633



72.0291, 64.2367, 89.5725



67.5714, 64.2367, 44.2381

Rectangle

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



51.2564, 64.2367, 53.4135



50.2680, 64.2367, 81.7175



72.0291, 64.2367, 89.5725



73.2844, 64.2367, 59.3574

Sweetspot

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



51.2581, 64.2394, 53.4149



86.5601, 95.8803, 96.8897



60.8137, 69.2798, 48.6960



18.3784, 20.4501, 20.5260



0.0000, 0.0000, 0.0000



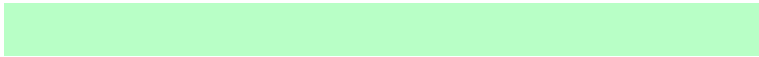
20.3446, 21.4041, 23.3091

Same Dimension

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



51.2581, 64.2394, 53.4149



65.5784, 85.7198, 66.2735



54.0403, 65.3523, 68.0654



13.6381, 15.3810, 15.1294



15.8115, 31.1495, 6.7305



1.1275, 2.1717, 0.6326

Inverse Universe

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



56.5731, 49.4104, 68.8457



74.1748, 61.7259, 91.2243



53.6748, 48.2511, 53.5838



14.1738, 13.8871, 16.6853



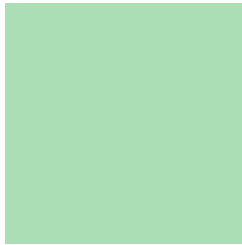
22.7346, 11.1608, 26.3317



1.6056, 0.7855, 1.9821

Previews

White Background



This preview shows how the XYZ color 51.2564, 64.2367, 53.4135 looks on a white background.

Color Contrast Check

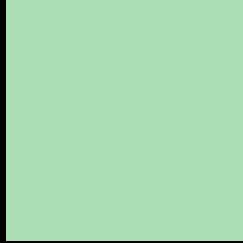
Large Text (above 18pt) WCAG AA × Fail

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 51.2564, 64.2367, 53.4135 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

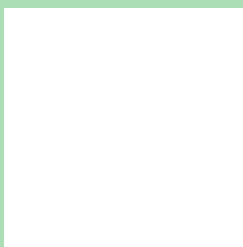
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2564, 64.2367, 53.4135

Background



This preview shows how black text looks on a background with the XYZ color 51.2564, 64.2367, 53.4135.



This preview shows how white text looks on a background with the XYZ color 51.2564, 64.2367,

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

51.2564, 64.2367, 53.4135

Protanopia

60.2592, 64.0291, 49.2272

Deuteranopia

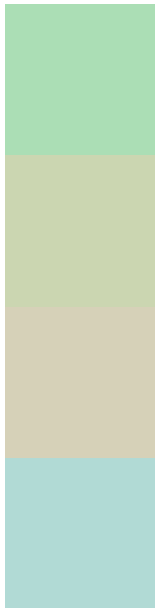
64.9035, 63.4532, 54.7259



Tritanopia

57.6883, 64.1304, 85.6818

Trichromacy



Original Color

51.2564, 64.2367, 53.4135

Protanomaly

56.6110, 63.9640, 50.9575

Deuteranomaly

59.1837, 63.3578, 54.4574

Tritanomaly

55.2131, 64.2940, 72.4507

Monochromacy



Original Color

51.2564, 64.2367, 53.4135

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.0239, 60.5723, 59.8832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2564, 64.2367, 53.4135 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(171, 222, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 222, 181) }
```

Border

The CSS property to change the border of an element to XYZ 51.2564, 64.2367, 53.4135 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, 181) }
```


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

```
.border{ border-color:rgb(171, 222, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 222, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 222, 181); box-shadow:4px 4px 4px 4px rgb(171, 222, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2564, 64.2367, 53.4135 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, 181) }
```

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

```
.background{ background-color: rgb(171,  
222, 181) }
```

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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