

Converting Colors

XYZ(50.9964, 63.0220, 54.6904)

Have a look what the booklet for
XYZ(50.9964, 63.0220, 54.6904)
contains.

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Color

**XYZ(50.9965, 62.8944,
54.7994)**

Conversions

Conversions Part 1

Format	Color
Hex	ACDDBB8
RGB	172, 219, 184
RGB Percent	67%, 86%, 72%
CMY	0.3255, 0.1412, 0.2784
CMYK	0.21, 0.00, 0.16, 0.14
HSL	135°, 40%, 77%
HSV	135°, 21%, 86%
XYZ	50.9965, 62.8944, 54.7994
YIQ	200.9570, -16.7770, -20.8490

Conversions

Conversions Part 2

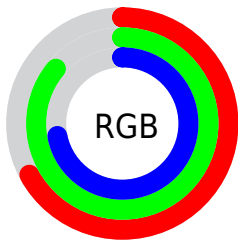
Format	Color
RYB	172, 209, 219
Decimal	11328440
CIELab	83.39, -22.10, 12.27
CIELCh	83, 25.278, 150.962
Yxy	62.8944, 0.3023, 0.3728
Android (android.graphics.Color)	4289518520 (0xFFACDBB8)
YUV	200.9570, -8.3598, -25.3953
Hunter-Lab	79.3060, -24.0038, 14.5456

Details

The XYZ color **50.9965, 62.8944, 54.7994** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55.2306, 49.0716, 65.5951**, and the grayscale version is **55.5497, 58.4426, 63.6440**.

A 20% lighter version of the original color is **83.4831, 94.3053, 96.2408**, and **24.9799, 32.1116, 26.3543** is the 20% darker color. If you saturate the color by 10%, you get **44.9683, 59.9748, 46.1020**, and if you desaturate by 10%, it is **58.0174, 66.3065, 64.5748**.

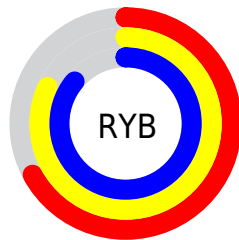
Distribution



Red (67%)

Green (86%)

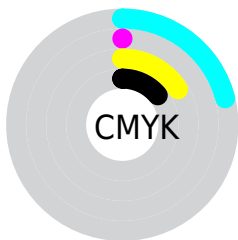
Blue (72%)



Red (67%)

Yellow (82%)

Blue (86%)

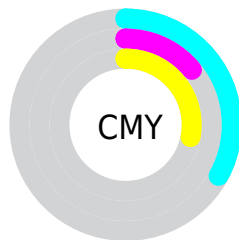


Cyan (21%)

Magenta (0%)

Yellow (16%)

Black (14%)



Cyan (33%)

Magenta (14%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9965, 62.8944, 54.7994 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 50.9965, 62.8944, 54.7994 by changing the saturation by 10% instead.

■ 50.9965, 62.8944,
54.7994

■ 50.9965, 62.8944,
54.7994

380.9381,
435.1861, 422.4116

■ 36.4269, 45.7558,
38.8436

■ 90.8326, 109.0171,
98.7152

■ 24.9357, 32.0531,
26.3312

116.8298,
138.7701, 127.5123

■ 16.1576, 21.4021,
16.8436

147.3669,
173.4966, 161.4269

■ 9.7273, 13.4182,
9.9623

182.8092,
213.5810, 200.8775

■ 5.2794, 7.7172,
5.2687

223.5221,
259.4078, 246.2828

■ 2.4485, 3.9145,
2.3443

269.8710,

■ 0.8694, 1.6259,

311.3613, 298.0612

0.7559

322.2212,
369.8260, 356.6313

0.0000, 0.3749,
0.0000

0.0000, 0.0000,
0.0000

50.9965, 62.8944,
54.7994

50.9965, 62.8944,
54.7994

44.9683, 59.9748,
46.1020

58.0174, 66.3065,
64.5748

39.8821, 57.5171,
38.4416

66.0683, 70.2243,
75.4592

35.6907, 55.4994,
31.7805

75.1908, 74.6703,
87.4875

32.3405, 53.8951,
26.0772

83.7088, 78.7799,
100.6115

■ 29.7718, 52.6742,
21.2873

■ 84.6227, 79.1455,
105.4242

■ 27.9169, 51.8029,
17.3628

■ 26.6958, 51.2411,
14.2511

■ 26.0444, 50.9501,
12.1920

Harmonies

Analogous

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



54.4987, 62.8944, 45.6425



50.9965, 62.8944, 54.7994



49.8107, 62.8944, 68.9916

Triad

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



50.9965, 62.8944, 54.7994



59.9571, 62.8944, 103.4720



69.3202, 62.8944, 54.0430

Complementary

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



50.9965, 62.8944, 54.7994



55.2306, 49.0716, 65.5951

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.



70.9962, 62.8944, 67.9736



50.9965, 62.8944, 54.7994



65.3903, 62.8944, 97.8947

Square

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



50.9965, 62.8944, 54.7994



54.7886, 62.8944, 98.5421



69.5166, 62.8944, 84.2697



65.0641, 62.8944, 45.2552

Rectangle

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



50.9965, 62.8944, 54.7994



50.4321, 62.8944, 79.9057



69.5166, 62.8944, 84.2697



70.2153, 62.8944, 58.2013

Sweetspot

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



50.9982, 62.8970, 54.8008



87.8628, 96.5006, 99.2704



58.5824, 66.9461, 48.8647



18.6459, 20.5770, 21.0312



0.0000, 0.0000, 0.0000



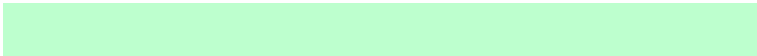
20.3446, 21.4041, 23.3091

Same Dimension

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



50.9982, 62.8970, 54.8008



67.7672, 86.7386, 71.3257



53.6399, 63.9537, 68.7115



13.0223, 14.6605, 14.5802



15.4801, 30.2247, 7.4277



1.0377, 1.9720, 0.6648

Inverse Universe

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



55.2306, 49.0716, 65.5951



74.8165, 63.7036, 89.2980



52.5934, 48.0167, 51.7075



13.4650, 13.2151, 15.7098



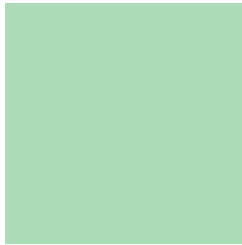
21.2932, 10.5183, 21.7220



1.4136, 0.6951, 1.5868

Previews

White Background



This preview shows how the XYZ color 50.9965, 62.8944, 54.7994 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 50.9965, 62.8944, 54.7994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

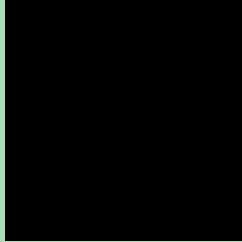
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9965, 62.8944, 54.7994

Background



This preview shows how black text looks on a background with the XYZ color 50.9965, 62.8944, 54.7994.



This preview shows how white text looks on a background with the XYZ color 50.9965, 62.8944,

54.7994.

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

50.9965, 62.8944, 54.7994

Protanopia

59.2621, 62.7454, 51.1071

Deuteranopia

63.6631, 62.4318, 56.2721



Tritanopia

56.8996, 63.0050, 84.0252

Trichromacy



Original Color

50.9965, 62.8944, 54.7994

Protanomaly

55.6199, 62.3013, 52.2739

Deuteranomaly

58.1464, 62.0624, 55.9283

Tritanomaly

54.4421, 62.7521, 72.1937

Monochromacy



Original Color

50.9965, 62.8944, 54.7994

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.6414, 59.9990, 60.3835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9965, 62.8944, 54.7994 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(172, 219, 184)` looks like.

```
.text, #text, p{  
    color:rgb(172, 219, 184)  
}
```

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(172, 219, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 219, 184) }
```

Border

The CSS property to change the border of an element to XYZ 50.9965, 62.8944, 54.7994 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(172, 219, 184) }
```


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

```
.border{ border-color:rgb(172, 219, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 219, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 219, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 219, 184);  
box-shadow:4px 4px 4px 4px rgb(172, 219,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9965, 62.8944, 54.7994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 219, 184) }
```

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

```
.background{ background-color: rgb(172,  
219, 184) }
```

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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