

Converting Colors

XYZ(52.5327, 66.9193, 51.8595)

Have a look what the booklet for
XYZ(52.5327, 66.9193, 51.8595)
contains.

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Color

**XYZ(52.4182, 66.8832,
51.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	ACE3B1
RGB	172, 227, 177
RGB Percent	67%, 89%, 69%
CMY	0.3255, 0.1098, 0.3059
CMYK	0.24, 0.00, 0.22, 0.11
HSL	125°, 50%, 78%
HSV	125°, 24%, 89%
XYZ	52.4182, 66.8832, 51.7420
YIQ	204.8550, -16.7300, -27.2100

Conversions

Conversions Part 2

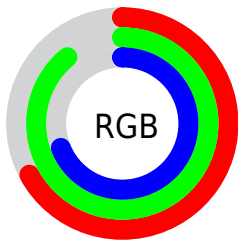
Format	Color
RYB	172, 222, 227
Decimal	11330481
CIELab	85.44, -27.23, 18.83
CIELCh	85, 33.109, 145.331
Yxy	66.8832, 0.3065, 0.3910
Android (android.graphics.Color)	4289520561 (0xFFACE3B1)
YUV	204.8550, -13.7325, -28.8138
Hunter-Lab	81.7821, -28.7093, 19.7359

Details

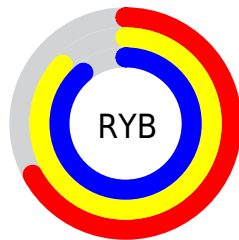
The XYZ color **52.4182, 66.8832, 51.7420** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59.6182, 51.1114, 75.8335**, and the grayscale version is **58.0298, 61.0519, 66.4855**.

A 20% lighter version of the original color is **82.4629, 93.8972, 90.8685**, and **25.6722, 34.4326, 24.3619** is the 20% darker color. If you saturate the color by 10%, you get **45.9515, 63.7714, 41.5021**, and if you desaturate by 10%, it is **60.0505, 70.5638, 63.6630**.

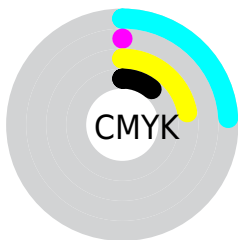
Distribution



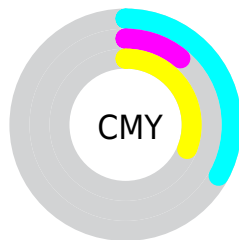
- Red (67%)
- Green (89%)
- Blue (69%)



- Red (67%)
- Yellow (87%)
- Blue (89%)



- Cyan (24%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)



- Cyan (33%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4182, 66.8832, 51.7420 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 52.4182, 66.8832, 51.7420 by changing the saturation by 10% instead.

■ 52.4182, 66.8832,
51.7420

■ 52.4182, 66.8832,
51.7420

386.3465,
449.5289, 410.3683

■ 37.5641, 48.9897,
36.4186

■ 92.9183, 114.7530,
94.1733

■ 25.8203, 34.6113,
24.4654

119.2950,
145.4982, 122.1184

■ 16.8212, 23.3636,
15.4639

150.2433,
181.2960, 155.1078

■ 10.2016, 14.8622,
8.9954

186.1286,
222.5309, 193.5600

■ 5.5961, 8.7228,
4.6414

227.3162,
269.5872, 237.8937

■ 2.6394, 4.5608,
1.9834


274.1715,


■ 0.9661, 1.9919,


322.8494, 288.5272


0.5450


327.0598,
382.7018, 345.8793

 0.0000, 0.6028,
0.0000

 0.0000, 0.0000,
0.0000


 52.4182, 66.8832,
51.7420

 52.4182, 66.8832,
51.7420

 45.9515, 63.7714,
41.5021


 60.0505, 70.5638,
63.6630

 40.5881, 61.1921,
32.8636

 68.8964, 74.8306,
77.3313

 36.2675, 59.1178,
25.7468

 79.0075, 79.7109,
92.8148

 32.9217, 57.5153,
20.0635

 86.7604, 83.4208,
106.1368

■ 30.4744, 56.3473,
15.7165

■ 28.8377, 55.5710,
12.5965

■ 27.9060, 55.1344,
10.5769

■ 27.6024, 54.9936,
9.8520

Harmonies

Analogous

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



57.5901, 66.8832, 41.4755



52.4182, 66.8832, 51.7420



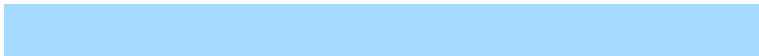
50.2369, 66.8832, 69.5099

Triad

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



52.4182, 66.8832, 51.7420



62.4023, 66.8832, 122.3090



77.5360, 66.8832, 56.5245

Complementary

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



52.4182, 66.8832, 51.7420



59.6182, 51.1114, 75.8335

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.



79.0764, 66.8832, 76.2427



52.4182, 66.8832, 51.7420



69.9511, 66.8832, 116.9643

Square

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



52.4182, 66.8832, 51.7420



55.7051, 66.8832, 112.4082



76.2020, 66.8832, 98.9730



72.1434, 66.8832, 43.8316

Rectangle

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



52.4182, 66.8832, 51.7420



50.6362, 66.8832, 84.3154



76.2020, 66.8832, 98.9730



78.5386, 66.8832, 62.4280

Sweetspot

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



52.4200, 66.8860, 51.7435



86.2816, 95.7689, 95.4232



65.1703, 73.5156, 49.7855



18.3142, 20.4244, 20.1875



0.0000, 0.0000, 0.0000



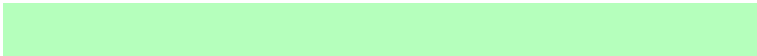
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4200, 66.8860, 51.7435



63.8804, 84.9709, 60.4830



55.3935, 68.0754, 67.4016



14.2423, 16.1103, 15.5406



16.1153, 32.0782, 5.8416



1.2092, 2.3778, 0.5284

Inverse Universe

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



59.6182, 51.1114, 75.8335



74.7603, 61.1226, 96.8899



56.2741, 49.7737, 58.2234



14.9356, 14.5914, 17.8615



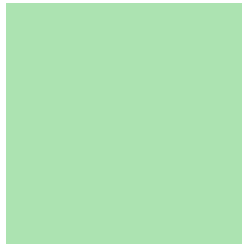
25.0208, 12.1425, 35.3342



1.8656, 0.9039, 2.6986

Previews

White Background



This preview shows how the XYZ color 52.4182, 66.8832, 51.7420 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 52.4182, 66.8832, 51.7420 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 52.4182, 66.8832, 51.7420

Background



This preview shows how black text looks on a background with the XYZ color 52.4182, 66.8832, 51.7420.



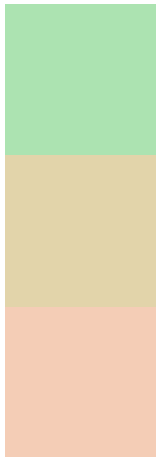
This preview shows how white text looks on a background with the XYZ color 52.4182, 66.8832,

51.7420.

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

52.4182, 66.8832, 51.7420

Protanopia

62.1632, 66.1580, 47.5236

Deuteranopia

67.5830, 66.2731, 53.4860



Tritanopia

60.0003, 66.7864, 89.0856

Trichromacy



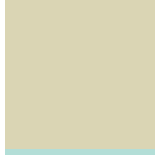
Original Color

52.4182, 66.8832, 51.7420



Protanomaly

57.8093, 65.7647, 49.1821



Deuteranomaly

60.9459, 65.7892, 52.6664



Tritanomaly

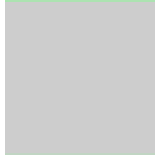
56.9774, 66.7326, 74.1676

Monochromacy



Original Color

52.4182, 66.8832, 51.7420



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

55.6369, 62.8661, 60.8318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4182, 66.8832, 51.7420 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, 227, 177)` looks like.

```
.text, #text, p{  
    color:rgb(172, 227, 177)  
}
```

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, 227, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 227, 177) }
```

Border

The CSS property to change the border of an element to XYZ 52.4182, 66.8832, 51.7420 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, 227, 177) }
```


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

```
.border{ border-color:rgb(172, 227, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 227, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 227, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 227, 177); box-shadow:4px 4px 4px 4px rgb(172, 227, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4182, 66.8832, 51.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 227, 177) }
```

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

```
.background{ background-color: rgb(172,  
227, 177) }
```

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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