

Converting Colors

XYZ(52.2744, 62.7997, 65.5866)

Have a look what the booklet for
XYZ(52.2744, 62.7997, 65.5866)
contains.

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Color

**XYZ(52.4285, 63.0007,
65.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	AADACB
RGB	170, 218, 203
RGB Percent	67%, 85%, 80%
CMY	0.3333, 0.1451, 0.2039
CMYK	0.22, 0.00, 0.07, 0.15
HSL	161°, 39%, 76%
HSV	161°, 22%, 85%
XYZ	52.4285, 63.0007, 65.8970
YIQ	201.9380, -23.7930, -14.8410

Conversions

Conversions Part 2

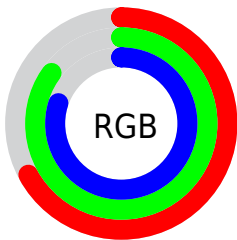
Format	Color
RYB	170, 198, 218
Decimal	11197131
CIELab	83.44, -18.57, 2.28
CIELCh	83, 18.713, 173.003
Yxy	63.0007, 0.2891, 0.3474
Android (android.graphics.Color)	4289387211 (0xFFAADACB)
YUV	201.9380, 0.5236, -28.0096
Hunter-Lab	79.3730, -20.9975, 6.3374

Details

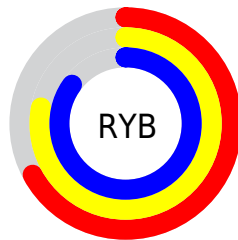
The XYZ color **52.4285, 63.0007, 65.8970** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.0474, 47.1594, 52.2612**, and the grayscale version is **56.1093, 59.0314, 64.2852**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **25.8581, 32.1462, 33.2757** is the 20% darker color. If you saturate the color by 10%, you get **47.3071, 60.4540, 61.5123**, and if you desaturate by 10%, it is **58.3707, 65.9698, 70.5091**.

Distribution



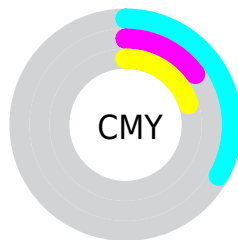
- Red (67%)
- Green (85%)
- Blue (80%)



- Red (67%)
- Yellow (78%)
- Blue (85%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (33%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4285, 63.0007, 65.8970 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 52.4285, 63.0007, 65.8970 by changing the saturation by 10% instead.

■ 52.4285, 63.0007,
65.8970

■ 52.4285, 63.0007,
65.8970

386.3855,
435.5720, 464.4026

■ 37.5724, 45.8418,
47.7328

■ 92.9334, 109.1705,
114.9641

■ 25.8267, 32.1210,
33.2569

119.3128,
138.9502, 146.7041

■ 16.8260, 21.4539,
22.0506

150.2641,
173.7056, 183.8064

■ 10.2051, 13.4562,
13.6954

186.1526,
213.8211, 226.6897

■ 5.5984, 7.7434,
7.7728

227.3436,
259.6811, 275.7724

■ 2.6408, 3.9312,
3.8642

274.2025,

■ 0.9668, 1.6352,

311.6700, 331.4731

1.5512

327.0947,
370.1722, 394.2103

0.0000, 0.3811,
0.2556

0.0000, 0.0000,
0.0000

52.4285, 63.0007,
65.8970

52.4285, 63.0007,
65.8970

47.3071, 60.4540,
61.5123

58.3707, 65.9698,
70.5091

42.9621, 58.3017,
57.3465

65.1645, 69.3721,
75.3484

39.3531, 56.5249,
53.3967

72.8459, 73.2277,
80.4202

36.4337, 55.0997,
49.6583

80.6315, 77.1327,
85.6900

■ 34.1522, 53.9993,
46.1263

■ 81.6088, 77.5236,
90.8365

■ 32.4491, 53.1933,
42.7954

■ 82.6240, 77.9297,
96.1823

■ 31.2531, 52.6449,
39.6597

■ 83.6774, 78.3511,
101.7295

■ 30.5670, 52.3429,
37.2908

■ 84.3626, 78.6252,
105.3375

Harmonies

Analogous

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



53.8325, 63.0007, 55.9490



52.4285, 63.0007, 65.8970



52.9475, 63.0007, 77.7537

Triad

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



52.4285, 63.0007, 65.8970



62.9975, 63.0007, 91.4185



64.7249, 63.0007, 52.1768

Complementary

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



52.4285, 63.0007, 65.8970



52.0474, 47.1594, 52.2612

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.



67.3933, 63.0007, 60.1891



52.4285, 63.0007, 65.8970



66.3648, 63.0007, 83.0206

Square

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



52.4285, 63.0007, 65.8970



58.9299, 63.0007, 93.3927



68.0067, 63.0007, 71.3699



60.8408, 63.0007, 48.6315

Rectangle

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



52.4285, 63.0007, 65.8970



54.3260, 63.0007, 85.0846



68.0067, 63.0007, 71.3699



65.8008, 63.0007, 54.3902

Sweetspot

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



52.4303, 63.0033, 65.8984



87.8998, 96.4162, 103.9446



52.3850, 63.3870, 47.5052



18.6885, 20.5741, 22.1586



0.0000, 0.0000, 0.0000



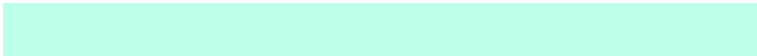
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4303, 63.0033, 65.8984



71.5632, 88.2570, 91.3152



52.0841, 59.3096, 75.0355



13.2626, 14.7567, 15.8458



18.3625, 31.3776, 22.6060



1.2278, 2.0481, 1.6656

Inverse Universe

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



52.0474, 47.1594, 52.2612



70.9340, 62.1506, 68.8533



52.2512, 49.9696, 44.9224



13.2228, 13.1182, 14.4347



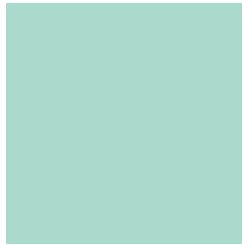
17.9926, 9.1981, 4.3412



1.2038, 0.6112, 0.4824

Previews

White Background



This preview shows how the XYZ color 52.4285, 63.0007, 65.8970 looks on a white background.

Color Contrast Check

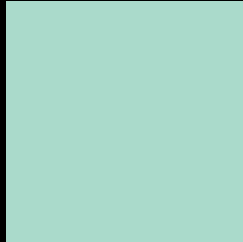
Large Text (above 18pt) WCAG AA × Fail

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 52.4285, 63.0007, 65.8970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

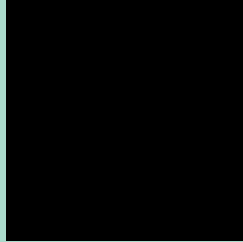
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4285, 63.0007, 65.8970

Background



This preview shows how black text looks on a background with the XYZ color 52.4285, 63.0007, 65.8970.



This preview shows how white text looks on a background with the XYZ color 52.4285, 63.0007,

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

52.4285, 63.0007, 65.8970

Protanopia

59.8809, 62.4700, 61.7252

Deuteranopia

63.8277, 62.6092, 67.7522



Tritanopia

56.1496, 62.9766, 84.7976

Trichromacy



Original Color

52.4285, 63.0007, 65.8970

Protanomaly

56.6441, 62.2225, 63.0575

Deuteranomaly

58.9070, 62.2037, 67.2943

Tritanomaly

54.5852, 62.7056, 77.6331

Monochromacy



Original Color

52.4285, 63.0007, 65.8970

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.4517, 60.3232, 64.6507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4285, 63.0007, 65.8970 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(170, 218, 203)` looks like.

```
.text, #text, p{  
    color:rgb(170, 218, 203)  
}
```

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(170, 218, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 218, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.4285, 63.0007, 65.8970 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(170, 218, 203) }
```


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

```
.border{ border-color:rgb(170, 218, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 218, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 218, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 218, 203);  
box-shadow:4px 4px 4px 4px rgb(170, 218,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4285, 63.0007, 65.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 218, 203) }
```

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

```
.background{ background-color: rgb(170,  
218, 203) }
```

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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