

Converting Colors

XYZ(52.4762, 63.3219, 64.7311)

Have a look what the booklet for
XYZ(52.4762, 63.3219, 64.7311)
contains.

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Color

**XYZ(52.4517, 63.4261,
64.7363)**

Conversions

Conversions Part 1

Format	Color
Hex	AADBC9
RGB	170, 219, 201
RGB Percent	67%, 86%, 79%
CMY	0.3333, 0.1412, 0.2118
CMYK	0.22, 0.00, 0.08, 0.14
HSL	158°, 40%, 76%
HSV	158°, 22%, 86%
XYZ	52.4517, 63.4261, 64.7363
YIQ	202.2970, -23.4260, -15.9860

Conversions

Conversions Part 2

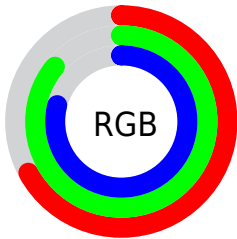
Format	Color
RYB	170, 200, 219
Decimal	11197385
CIELab	83.67, -19.48, 3.66
CIELCh	84, 19.817, 169.346
Yxy	63.4261, 0.2904, 0.3512
Android (android.graphics.Color)	4289387465 (0xFFAADBC9)
YUV	202.2970, -0.6394, -28.3245
Hunter-Lab	79.6405, -21.8097, 7.5541

Details

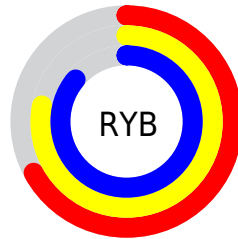
The XYZ color **52.4517, 63.4261, 64.7363** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.6675, 47.4420, 53.9610**, and the grayscale version is **56.3402, 59.2743, 64.5497**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **25.8780, 32.4394, 32.5013** is the 20% darker color. If you saturate the color by 10%, you get **47.1845, 60.8190, 59.6785**, and if you desaturate by 10%, it is **58.5607, 66.4649, 70.0950**.

Distribution



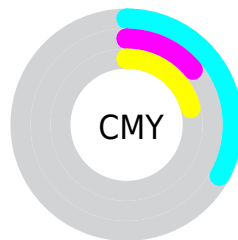
- Red (67%)
- Green (86%)
- Blue (79%)



- Red (67%)
- Yellow (78%)
- Blue (86%)



- Cyan (22%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)



- Cyan (33%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4517, 63.4261, 64.7363 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 52.4517, 63.4261, 64.7363 by changing the saturation by 10% instead.

■ 52.4517, 63.4261,
64.7363

■ 52.4517, 63.4261,
64.7363

386.4733,
437.1142, 460.1240

■ 37.5910, 46.1860,
46.7973

■ 92.9673, 109.7840,
113.2803

■ 25.8411, 32.3926,
32.5222

119.3530,
139.6706, 144.7224

■ 16.8369, 21.6616,
21.4926

150.3109,
174.5415, 181.5026

■ 10.2129, 13.6084,
13.2898

186.2066,
214.7811, 224.0394

■ 5.6037, 7.8488,
7.4953

227.4053,
260.7738, 272.7514

■ 2.6440, 3.9984,
3.6907

274.2724,

■ 0.9684, 1.6727,

312.9039, 328.0572

1.4572

327.1733,
371.5560, 390.3752

■ 0.0000, 0.4059,
0.1858

■ 0.0000, 0.0000,
0.0000

■ 52.4517, 63.4261,
64.7363

■ 52.4517, 63.4261,
64.7363

■ 47.1845, 60.8190,
59.6785

■ 58.5607, 66.4649,
70.0950

■ 42.7140, 58.6152,
54.9116

■ 65.5433, 69.9465,
75.7559

■ 38.9988, 56.7953,
50.4310

■ 73.4360, 73.8913,
81.7258

■ 35.9916, 55.3349,
46.2303

■ 81.3071, 77.8191,
87.9649

■ 33.6394, 54.2068,
42.3029

■ 82.4844, 78.2900,
94.1643

■ 31.8814, 53.3798,
38.6415

■ 83.7148, 78.7822,
100.6435

■ 30.6447, 52.8162,
35.2384

■ 84.6227, 79.1453,
105.4242

■ 29.9597, 52.5161,
32.8099

Harmonies

Analogous

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



54.1742, 63.4261, 54.6342



52.4517, 63.4261, 64.7363



52.7505, 63.4261, 77.2815

Triad

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



52.4517, 63.4261, 64.7363



63.0907, 63.4261, 94.1465



65.8849, 63.4261, 52.4733

Complementary

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



52.4517, 63.4261, 64.7363



52.6675, 47.4420, 53.9610

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.



68.5040, 63.4261, 61.4438



52.4517, 63.4261, 64.7363



66.8380, 63.4261, 85.8254

Square

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



52.4517, 63.4261, 64.7363



58.7553, 63.4261, 95.3034



68.8609, 63.4261, 73.5726



61.8402, 63.4261, 48.1397

Rectangle

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



52.4517, 63.4261, 64.7363



54.0602, 63.4261, 85.3430



68.8609, 63.4261, 73.5726



66.9693, 63.4261, 54.9926

Sweetspot

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



52.4535, 63.4287, 64.7377



87.7471, 96.3551, 103.1407



53.5218, 64.3592, 47.6329



18.6531, 20.5599, 21.9722



0.0000, 0.0000, 0.0000



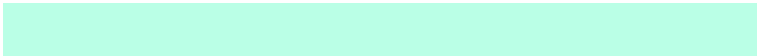
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4535, 63.4287, 64.7377



70.2878, 87.6745, 87.8646



53.2314, 61.3942, 76.0655



13.2314, 14.7442, 15.6813



17.8183, 31.1599, 19.7404



1.1953, 2.0351, 1.4946

Inverse Universe

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



52.6675, 47.4420, 53.9610



70.6442, 61.1665, 70.0036



51.9409, 48.9037, 44.7330



13.2528, 13.1302, 14.5926



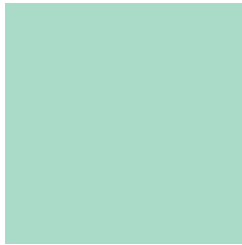
18.2392, 9.2967, 5.6397



1.2223, 0.6186, 0.5797

Previews

White Background



This preview shows how the XYZ color 52.4517, 63.4261, 64.7363 looks on a white background.

Color Contrast Check

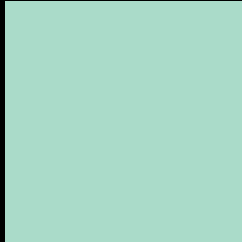
Large Text (above 18pt) WCAG AA × Fail

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 52.4517, 63.4261, 64.7363 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 52.4517, 63.4261, 64.7363

Background



This preview shows how black text looks on a background with the XYZ color 52.4517, 63.4261, 64.7363.



This preview shows how white text looks on a background with the XYZ color 52.4517, 63.4261,

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

52.4517, 63.4261, 64.7363

Protanopia

60.1875, 63.0129, 60.6202

Deuteranopia

64.2192, 62.8391, 66.5020



Tritanopia

56.5166, 63.1494, 85.5543

Trichromacy



Original Color

52.4517, 63.4261, 64.7363

Protanomaly

56.9255, 62.7619, 61.9373

Deuteranomaly

59.4674, 62.8813, 66.1298

Tritanomaly

55.0626, 63.3309, 77.7286

Monochromacy



Original Color

52.4517, 63.4261, 64.7363

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 52.4517, 63.4261, 64.7363 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, 219, 201)` looks like.

```
.text, #text, p{  
    color:rgb(170, 219, 201)  
}
```

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, 219, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 219, 201) }
```

Border

The CSS property to change the border of an element to XYZ 52.4517, 63.4261, 64.7363 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, 219, 201) }
```


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

```
.border{ border-color:rgb(170, 219, 201) }
```

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

Here you see how a box with a 4 pixel rgb(170, 219, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 219, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 219, 201);  
box-shadow:4px 4px 4px 4px rgb(170, 219,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4517, 63.4261, 64.7363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 219, 201) }
```

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

```
.background{ background-color: rgb(170,  
219, 201) }
```

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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