

Converting Colors

XYZ(50.7457, 62.4384, 60.2642)

Have a look what the booklet for
XYZ(50.7457, 62.4384, 60.2642)
contains.

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Color

**XYZ(50.7454, 62.2533,
60.3805)**

Conversions

Conversions Part 1

Format	Color
Hex	A7DAC2
RGB	167, 218, 194
RGB Percent	65%, 85%, 76%
CMY	0.3451, 0.1451, 0.2392
CMYK	0.23, 0.00, 0.11, 0.15
HSL	152°, 41%, 75%
HSV	152°, 23%, 85%
XYZ	50.7454, 62.2533, 60.3805
YIQ	200.0150, -22.6920, -18.2760

Conversions

Conversions Part 2

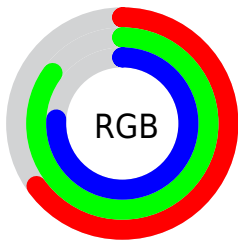
Format	Color
RYB	167, 200, 218
Decimal	11000514
CIELab	83.05, -21.31, 6.46
CIELCh	83, 22.265, 163.139
Yxy	62.2533, 0.2927, 0.3591
Android (android.graphics.Color)	4289190594 (0xFFA7DAC2)
YUV	200.0150, -2.9654, -28.9542
Hunter-Lab	78.9008, -23.2732, 9.8576

Details

The XYZ color **50.7454, 62.2533, 60.3805** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.1383, 46.3061, 55.4829**, and the grayscale version is **54.9380, 57.7991, 62.9432**.

A 20% lighter version of the original color is **83.4467, 94.1101, 104.2094**, and **24.7702, 31.6652, 29.6174** is the 20% darker color. If you saturate the color by 10%, you get **45.4099, 59.6330, 54.3227**, and if you desaturate by 10%, it is **56.9403, 65.3108, 66.8965**.

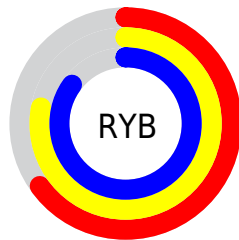
Distribution



Red (65%)

Green (85%)

Blue (76%)



Red (65%)

Yellow (78%)

Blue (85%)

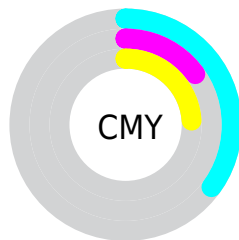


Cyan (23%)

Magenta (0%)

Yellow (11%)

Black (15%)



Cyan (35%)

Magenta (15%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7454, 62.2533, 60.3805 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 50.7454, 62.2533, 60.3805 by changing the saturation by 10% instead.

■ 50.7454, 62.2533,
60.3805

■ 50.7454, 62.2533,
60.3805

379.9778,
432.8544, 443.8424

■ 36.2262, 45.2374,
43.2981

■ 90.4636, 108.0915,
106.9302

■ 24.7799, 31.6445,
29.7859

■ 116.3933,
137.6827, 137.2346

■ 16.0410, 21.0901,
19.4255

146.8572,
172.2343, 172.7834

■ 9.6442, 13.1899,
11.7982

182.2207,
212.1309, 213.9951

■ 5.2241, 7.5594,
6.4856

222.8492,
257.7568, 261.2884

■ 2.4155, 3.8143,
3.0690

269.1079,

■ 0.8528, 1.5703,

309.4965, 315.0816

1.1300

321.3624,
367.7342, 375.7934

■ 0.0000, 0.3374,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.7454, 62.2533,
60.3805

■ 50.7454, 62.2533,
60.3805

■ 45.4099, 59.6330,
54.3227

■ 56.9403, 65.3108,
66.8965

■ 40.8880, 57.4215,
48.7088

■ 64.0272, 68.8171,
73.8763

■ 37.1377, 55.5989,
43.5293

■ 72.0431, 72.7927,
81.3308

■ 34.1107, 54.1405,
38.7733

■ 81.0215, 77.2549,
89.2693

■ 31.7529, 53.0188,
34.4290

■ 82.8398, 78.0160,
97.3191

■ 30.0023, 52.2018,
30.4840

■ 84.3625, 78.6250,
105.3375

■ 28.7841, 51.6513,
26.9248

■ 28.1905, 51.3922,
24.7767

Harmonies

Analogous

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



53.0631, 62.2533, 50.2195



50.7454, 62.2533, 60.3805



50.6051, 62.2533, 73.9902

Triad

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



50.7454, 62.2533, 60.3805



61.2992, 62.2533, 97.0180



66.1852, 62.2533, 51.2232

Complementary

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



50.7454, 62.2533, 60.3805



52.1383, 46.3061, 55.4829

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.



68.6504, 62.2533, 61.9336



50.7454, 62.2533, 60.3805



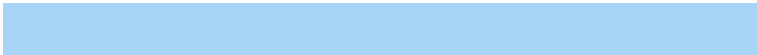
65.7281, 62.2533, 89.0279

Square

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



50.7454, 62.2533, 60.3805



56.5252, 62.2533, 96.4530



68.4787, 62.2533, 75.7676



61.8958, 62.2533, 45.4450

Rectangle

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



50.7454, 62.2533, 60.3805



51.7519, 62.2533, 83.3342



68.4787, 62.2533, 75.7676



67.2649, 62.2533, 54.2983

Sweetspot

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



50.7471, 62.2559, 60.3819



87.4619, 96.2411, 101.6386



53.6983, 64.0964, 46.1019



18.5870, 20.5335, 21.6242



0.0000, 0.0000, 0.0000



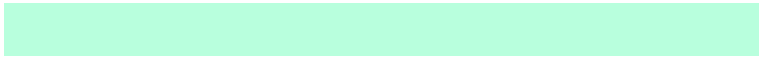
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7471, 62.2559, 60.3819



68.5357, 86.9027, 81.8465



53.4449, 62.9832, 75.6727



13.1731, 14.7209, 15.3746



16.9432, 30.8099, 15.1321



1.1411, 2.0134, 1.2090

Inverse Universe

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



52.1383, 46.3061, 55.4829



70.8482, 60.3953, 73.7070



49.8653, 45.6469, 42.7428



13.3098, 13.1530, 14.8928



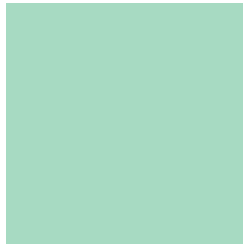
18.8302, 9.5331, 8.7517



1.2632, 0.6349, 0.7950

Previews

White Background



This preview shows how the XYZ color 50.7454, 62.2533, 60.3805 looks on a white background.

Color Contrast Check

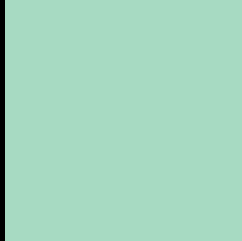
Large Text (above 18pt) WCAG AA × Fail

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 50.7454, 62.2533, 60.3805 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 50.7454, 62.2533, 60.3805

Background



This preview shows how black text looks on a background with the XYZ color 50.7454, 62.2533, 60.3805.

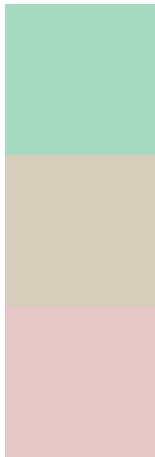


This preview shows how white text looks on a background with the XYZ color 50.7454, 62.2533,

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

50.7454, 62.2533, 60.3805

Protanopia

58.5325, 61.5466, 55.8084

Deuteranopia

62.9296, 61.5821, 61.9959



Tritanopia

55.5327, 62.3003, 83.9612

Trichromacy



Original Color

50.7454, 62.2533, 60.3805

Protanomaly

55.3668, 61.6812, 57.7027

Deuteranomaly

57.6029, 61.2956, 61.6186

Tritanomaly

53.6194, 62.2686, 74.8386

Monochromacy



Original Color

50.7454, 62.2533, 60.3805

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.2449, 59.3942, 62.0840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7454, 62.2533, 60.3805 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(167, 218, 194)` looks like.

```
.text, #text, p{  
    color:rgb(167, 218, 194)  
}
```

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(167, 218, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 218, 194) }
```

Border

The CSS property to change the border of an element to XYZ 50.7454, 62.2533, 60.3805 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(167, 218, 194) }
```


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

```
.border{ border-color:rgb(167, 218, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 218, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 218, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 218, 194);  
box-shadow:4px 4px 4px 4px rgb(167, 218,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7454, 62.2533, 60.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 218, 194) }
```

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

```
.background{ background-color: rgb(167,  
218, 194) }
```

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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