

Converting Colors

XYZ(50.8049, 62.1629, 60.9216)

Have a look what the booklet for
XYZ(50.8049, 62.1629, 60.9216)
contains.

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Color

**XYZ(50.8581, 62.2984,
60.9741)**

Conversions

Conversions Part 1

Format	Color
Hex	A7DAC3
RGB	167, 218, 195
RGB Percent	65%, 85%, 76%
CMY	0.3451, 0.1451, 0.2353
CMYK	0.23, 0.00, 0.11, 0.15
HSL	153°, 41%, 75%
HSV	153°, 23%, 85%
XYZ	50.8581, 62.2984, 60.9741
YIQ	200.1290, -23.0130, -17.9650

Conversions

Conversions Part 2

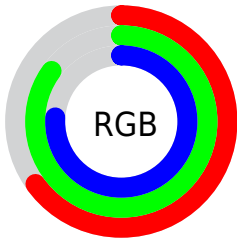
Format	Color
RYB	167, 200, 218
Decimal	11000515
CIELab	83.07, -21.11, 5.96
CIElCh	83, 21.936, 164.228
Yxy	62.2984, 0.2921, 0.3578
Android (android.graphics.Color)	4289190595 (0xFFA7DAC3)
YUV	200.1290, -2.5286, -29.0541
Hunter-Lab	78.9293, -23.1099, 9.4481

Details

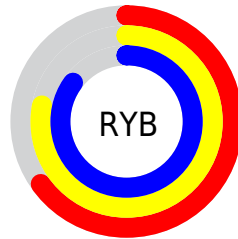
The XYZ color **50.8581, 62.2984, 60.9741** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.0286, 46.2622, 54.9051**, and the grayscale version is **55.0058, 57.8704, 63.0209**.

A 20% lighter version of the original color is **83.7621, 94.2363, 105.8701**, and **24.8443, 31.6949, 30.0076** is the 20% darker color. If you saturate the color by 10%, you get **45.5600, 59.6931, 55.1135**, and if you desaturate by 10%, it is **57.0092, 65.3384, 67.2595**.

Distribution



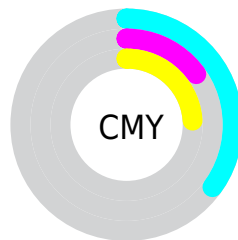
- Red (65%)
- Green (85%)
- Blue (76%)



- 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 50.8581, 62.2984, 60.9741 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 50.8581, 62.2984, 60.9741 by changing the saturation by 10% instead.


 50.8581, 62.2984,
60.9741


 50.8581, 62.2984,
60.9741


380.4090,
433.0187, 446.0830

 36.3163, 45.2739,
43.7738


 90.6292, 108.1567,
107.7986

 24.8498, 31.6732,
30.1569


 116.5892,
137.7592, 138.2599

 16.0933, 21.1120,
19.7046


147.0860,
172.3232, 173.9787

 9.6815, 13.2059,
11.9986

182.4849,
212.2330, 215.3734

 5.2489, 7.5705,
6.6202

223.1513,
257.8731, 262.8627

 2.4303, 3.8214,
3.1509

269.4506,

 0.8602, 1.5741,

309.6278, 316.8650

1.1722

321.7480,
367.8816, 377.7989

■ 0.0000, 0.3401,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.8581, 62.2984,
60.9741

■ 50.8581, 62.2984,
60.9741

■ 45.5600, 59.6931,
55.1135

■ 57.0092, 65.3384,
67.2595

■ 41.0695, 57.4941,
49.6642

■ 64.0457, 68.8245,
73.9742

■ 37.3445, 55.6816,
44.6182

■ 72.0046, 72.7774,
81.1283

■ 34.3370, 54.2311,
39.9653

■ 80.9190, 77.2139,
88.7301

■ 31.9934, 53.1150,
35.6952

■ 82.6664, 77.9466,
96.4059

■ 30.2516, 52.3015,
31.7965

■ 84.2011, 78.5605,
104.4877

■ 29.0372, 51.7526,
28.2571

■ 84.3625, 78.6251,
105.3375

■ 28.4434, 51.4934,
26.1084

Harmonies

Analogous

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



53.0731, 62.2984, 50.7762



50.8581, 62.2984, 60.9741



50.8006, 62.2984, 74.4605

Triad

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



50.8581, 62.2984, 60.9741



61.4840, 62.2984, 96.4488



65.9952, 62.2984, 51.1877

Complementary

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



50.8581, 62.2984, 60.9741



52.0286, 46.2622, 54.9051

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.



68.5058, 62.2984, 61.6097



50.8581, 62.2984, 60.9741



65.8085, 62.2984, 88.3352

Square

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



50.8581, 62.2984, 60.9741



56.7670, 62.2984, 96.2186



68.4357, 62.2984, 75.1865



61.7278, 62.2984, 45.6626

Rectangle

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



50.8581, 62.2984, 60.9741



51.9839, 62.2984, 83.6199



68.4357, 62.2984, 75.1865



67.0825, 62.2984, 54.1687

Sweetspot

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



50.8598, 62.3010, 60.9755



87.5159, 96.2626, 101.9228



53.4841, 63.9860, 46.0918



18.5995, 20.5385, 21.6900



0.0000, 0.0000, 0.0000



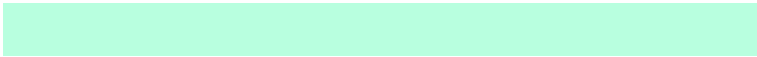
20.3446, 21.4041, 23.3091

Same Dimension

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



50.8598, 62.3010, 60.9755



68.7235, 86.9778, 82.8355



53.2261, 62.5457, 75.5999



13.1841, 14.7253, 15.4325



17.0948, 30.8706, 15.9306



1.1507, 2.0172, 1.2597

Inverse Universe

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



52.0286, 46.2622, 54.9051



70.6666, 60.3227, 72.7506



50.0226, 45.9614, 42.7952



13.2989, 13.1487, 14.8355



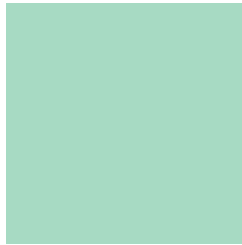
18.7047, 9.4829, 8.0909



1.2548, 0.6316, 0.7508

Previews

White Background



This preview shows how the XYZ color 50.8581, 62.2984, 60.9741 looks on a white background.

Color Contrast Check

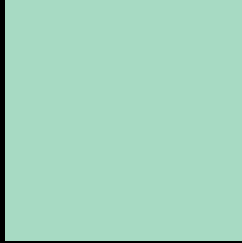
Large Text (above 18pt) WCAG AA × Fail

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 50.8581, 62.2984, 60.9741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

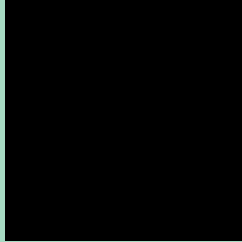
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

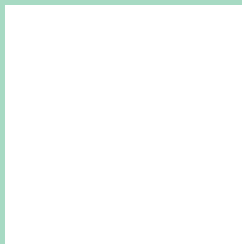
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8581, 62.2984, 60.9741

Background



This preview shows how black text looks on a background with the XYZ color 50.8581, 62.2984, 60.9741.



This preview shows how white text looks on a background with the XYZ color 50.8581, 62.2984, 60.9741.

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

50.8581, 62.2984, 60.9741

Protanopia

58.8800, 62.0696, 56.4543

Deuteranopia

63.0453, 61.6284, 62.6055



Tritanopia

55.5327, 62.3003, 83.9612

Trichromacy



Original Color

50.8581, 62.2984, 60.9741

Protanomaly

55.4765, 61.7251, 58.2804

Deuteranomaly

57.7179, 61.3416, 62.2241

Tritanomaly

53.6194, 62.2686, 74.8386

Monochromacy



Original Color

50.8581, 62.2984, 60.9741

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 50.8581, 62.2984, 60.9741 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(167, 218, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 218, 195) }
```

Border

The CSS property to change the border of an element to XYZ 50.8581, 62.2984, 60.9741 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, 195) }
```


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

```
.border{ border-color:rgb(167, 218, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 218, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 218, 195);  
box-shadow:4px 4px 4px 4px rgb(167, 218,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8581, 62.2984, 60.9741 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, 195) }
```

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

```
.background{ background-color: rgb(167,  
218, 195) }
```

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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