

Converting Colors

XYZ(54.7532, 61.8312, 66.7567)

Have a look what the booklet for
XYZ(54.7532, 61.8312, 66.7567)
contains.

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Color

**XYZ(54.8126, 61.9338,
66.8231)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD4CD
RGB	186, 212, 205
RGB Percent	73%, 83%, 80%
CMY	0.2706, 0.1686, 0.1961
CMYK	0.12, 0.00, 0.03, 0.17
HSL	164°, 23%, 78%
HSV	164°, 12%, 83%
XYZ	54.8126, 61.9338, 66.8231
YIQ	203.4280, -13.2490, -7.6890

Conversions

Conversions Part 2

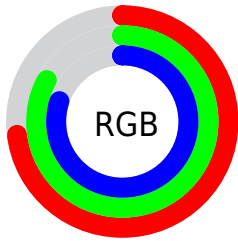
Format	Color
R _{YB}	186, 201, 212
Decimal	12244173
CIE _{Lab}	82.88, -10.02, 0.52
CIE _{LCh}	83, 10.030, 177.042
Yxy	61.9338, 0.2986, 0.3374
Android (android.graphics.Color)	4290434253 (0xFFBAD4CD)
YUV	203.4280, 0.7750, -15.2844
Hunter-Lab	78.6980, -13.3976, 4.7450

Details

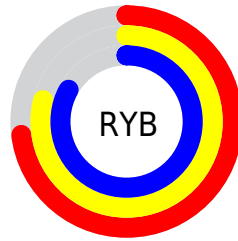
The XYZ color **54.8126, 61.9338, 66.8231** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.3381, 52.9667, 57.8145**, and the grayscale version is **57.0364, 60.0068, 65.3474**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **27.3158, 31.3349, 33.8867** is the 20% darker color. If you saturate the color by 10%, you get **49.3631, 59.2044, 63.0366**, and if you desaturate by 10%, it is **61.0549, 65.0724, 70.7806**.

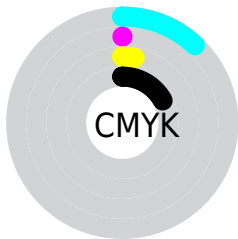
Distribution



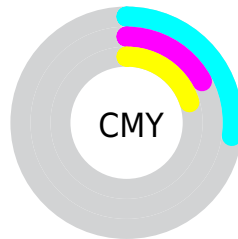
- Red (73%)
- Green (83%)
- Blue (80%)



- Red (73%)
- Yellow (79%)
- Blue (83%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (27%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8126, 61.9338, 66.8231 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 54.8126, 61.9338, 66.8231 by changing the saturation by 10% instead.

■ 54.8126, 61.9338,
66.8231

■ 54.8126, 61.9338,
66.8231

395.3491,
431.6896, 467.7992

■ 39.4850, 44.9792,
48.4802

■ 96.4163, 107.6298,
116.3051

■ 27.3196, 31.4411,
33.8446

123.4230,
137.1401, 148.2813

■ 17.9512, 20.9349,
22.4979

155.0534,
171.6044, 185.6390

■ 11.0145, 13.0764,
14.0214

191.6730,
211.4070, 228.7968

■ 6.1439, 7.4812,
7.9966

233.6470,
256.9325, 278.1732

■ 2.9743, 3.7648,
4.0050

281.3407,

■ 1.1402, 1.5429,

308.5651, 334.1866

1.6281

335.1197,
366.6894, 397.2558

■ 0.0583, 0.3186,
0.3108

■ 0.0000, 0.0000,
0.0000

■ 54.8126, 61.9338,
66.8231

■ 54.8126, 61.9338,
66.8231

■ 49.3631, 59.2044,
63.0366

■ 61.0549, 65.0724,
70.7806

■ 44.6673, 56.8589,
59.4140

■ 68.1166, 68.6288,
74.9079

■ 40.6908, 54.8814,
55.9535

■ 76.0292, 72.6209,
79.2090

■ 37.3942, 53.2516,
52.6520

■ 78.7660, 73.9418,
83.4032

■ 34.7343, 51.9473,
49.5060

■ 79.5713, 74.2639,
87.6437

■ 32.6626, 50.9434,
46.5117

■ 80.4030, 74.5966,
92.0233

■ 31.1239, 50.2116,
43.6650

■ 81.2613, 74.9399,
96.5433

■ 30.0514, 49.7174,
40.9612

■ 82.1466, 75.2940,
101.2050

■ 29.4533, 49.4527,
38.9629

■ 82.8346, 75.5692,
104.8282

Harmonies

Analogous

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



55.4475, 61.9338, 61.1653



54.8126, 61.9338, 66.8231



55.2417, 61.9338, 72.9928

Triad

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



54.8126, 61.9338, 66.8231



60.7760, 61.9338, 78.6016



61.1562, 61.9338, 57.9334

Complementary

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



54.8126, 61.9338, 66.8231



54.3381, 52.9667, 57.8145

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.



62.6459, 61.9338, 62.1675



54.8126, 61.9338, 66.8231



62.4227, 61.9338, 74.1199

Square

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



54.8126, 61.9338, 66.8231



58.6520, 61.9338, 80.0339



63.1149, 61.9338, 68.0514



59.0809, 61.9338, 56.2337

Rectangle

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



54.8126, 61.9338, 66.8231



56.0793, 61.9338, 76.5266



63.1149, 61.9338, 68.0514



61.7440, 61.9338, 59.0943

Sweetspot

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



54.8144, 61.9364, 66.8245



90.9573, 97.9408, 106.4163



54.4943, 62.0205, 55.5543



19.3087, 20.8830, 22.6785



0.0000, 0.0000, 0.0000



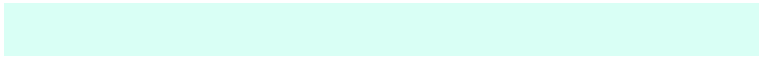
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8144, 61.9364, 66.8245



80.7365, 92.8076, 99.8036



54.2950, 59.5143, 70.9161



12.6428, 14.0481, 15.1994



18.2259, 30.5457, 24.2829



1.1330, 1.8558, 1.6420

Inverse Universe

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



54.3381, 52.9667, 57.8145



79.8607, 76.3058, 83.2296



54.7855, 55.0824, 54.1998



12.5593, 12.4752, 13.6193



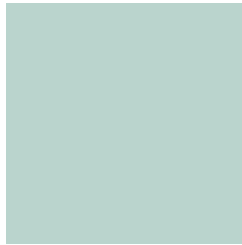
17.2553, 8.8384, 3.3826



1.0754, 0.5469, 0.3864

Previews

White Background



This preview shows how the XYZ color 54.8126, 61.9338, 66.8231 looks on a white background.

Color Contrast Check

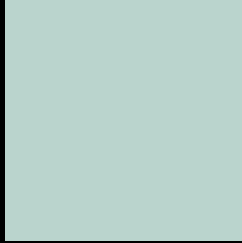
Large Text (above 18pt) WCAG AA × Fail

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 54.8126, 61.9338, 66.8231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

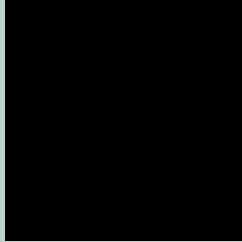
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8126, 61.9338, 66.8231

Background



This preview shows how black text looks on a background with the XYZ color 54.8126, 61.9338, 66.8231.

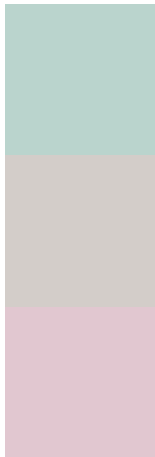


This preview shows how white text looks on a background with the XYZ color 54.8126, 61.9338,

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

54.8126, 61.9338, 66.8231

Protanopia

59.2379, 61.7286, 64.0510

Deuteranopia

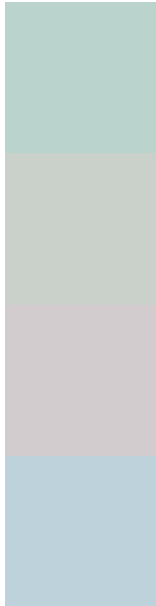
62.8599, 61.4085, 68.2145



Tritanopia

57.7631, 62.0391, 80.8818

Trichromacy



Original Color

54.8126, 61.9338, 66.8231

Protanomaly

57.5737, 61.9326, 64.7968

Deuteranomaly

59.7193, 61.5396, 67.7623

Tritanomaly

56.6877, 61.9740, 75.3041

Monochromacy



Original Color

54.8126, 61.9338, 66.8231

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.9963, 60.3726, 65.8285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8126, 61.9338, 66.8231 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(186, 212, 205) looks like.

```
.text, #text, p{  
    color:rgb(186, 212, 205)  
}
```

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(186, 212, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 212, 205) }
```

Border

The CSS property to change the border of an element to XYZ 54.8126, 61.9338, 66.8231 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(186, 212, 205) }
```


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

```
.border{ border-color:rgb(186, 212, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 212, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 212, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 212, 205);  
box-shadow:4px 4px 4px 4px rgb(186, 212,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8126, 61.9338, 66.8231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 212, 205) }
```

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

```
.background{ background-color: rgb(186,  
212, 205) }
```

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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