

# Converting Colors

XYZ(50.5274, 60.2415, 60.2479)

Have a look what the booklet for  
XYZ(50.5274, 60.2415, 60.2479)  
contains.

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# Color

**XYZ(50.5451, 60.2542,  
60.0051)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACD5C2
RGB	172, 213, 194
RGB Percent	67%, 84%, 76%
CMY	0.3255, 0.1647, 0.2392
CMYK	0.19, 0.00, 0.09, 0.16
HSL	152°, 33%, 75%
HSV	152°, 19%, 84%
XYZ	50.5451, 60.2542, 60.0051
YIQ	198.5750, -18.3370, -14.6010

# Conversions

## Conversions Part 2

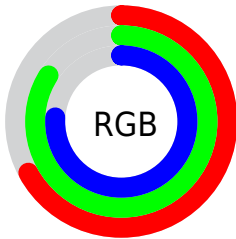
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 199, 213
Decimal	11326914
CIELab	81.98, -17.22, 4.95
CIELCh	82, 17.920, 163.960
Yxy	60.2542, 0.2959, 0.3528
Android (android.graphics.Color)	4289516994 (0xFFACD5C2)
YUV	198.5750, -2.2555, -23.3063
Hunter-Lab	77.6236, -19.6098, 8.5038

# Details

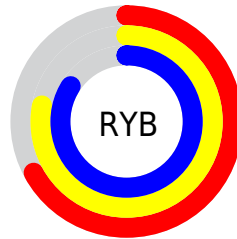
The XYZ color **50.5451, 60.2542, 60.0051** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.5992, 47.4143, 55.7252**, and the grayscale version is **54.0492, 56.8640, 61.9249**.

A 20% lighter version of the original color is **85.0102, 94.9161, 104.2826**, and **24.5682, 30.2691, 29.3586** is the 20% darker color. If you saturate the color by 10%, you get **45.1678, 57.6077, 54.1575**, and if you desaturate by 10%, it is **56.7487, 63.3215, 66.2784**.

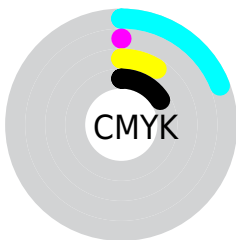
# Distribution



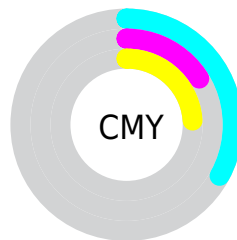
- Red (67%)
- Green (84%)
- Blue (76%)



- Red (67%)
- Yellow (78%)
- Blue (84%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (33%)
- Magenta (16%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5451, 60.2542, 60.0051 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 50.5451, 60.2542, 60.0051 by changing the saturation by 10% instead.



■ 50.5451, 60.2542,  
60.0051

■ 50.5451, 60.2542,  
60.0051

379.2106,  
425.5341, 442.4217

■ 36.0663, 43.6236,  
42.9974

■ 90.1690, 105.1983,  
106.3805

■ 24.6557, 30.3747,  
29.5517

116.0448,  
134.2806, 136.5853

■ 15.9481, 20.1232,  
19.2494

146.4503,  
168.2822, 172.0263

■ 9.5781, 12.4846,  
11.6720

181.7508,  
207.5876, 213.1219

■ 5.1802, 7.0746,  
6.4009

222.3118,  
252.5810, 260.2907

■ 2.3892, 3.5088,  
3.0177

268.4985,

■ 0.8397, 1.4028,

303.6470, 313.9512

1.1037

320.6763,  
361.1699, 374.5221

■ 0.0000, 0.2188,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 50.5451, 60.2542,  
60.0051

■ 50.5451, 60.2542,  
60.0051

■ 45.1678, 57.6077,  
54.1575

■ 56.7487, 63.3215,  
66.2784

■ 40.5748, 55.3554,  
48.7225

■ 63.8082, 66.8198,  
72.9823

■ 36.7277, 53.4795,  
43.6919

■ 71.7579, 70.7681,  
80.1265

■ 33.5829, 51.9576,  
39.0557

■ 79.8133, 74.7619,  
87.6812

■ 31.0919, 50.7650,  
34.8037

■ 81.2676, 75.3436,  
95.3393

■ 29.1997, 49.8735,  
30.9247

■ 82.8021, 75.9574,  
103.4198

■ 27.8416, 49.2498,  
27.4069

■ 83.0854, 76.0708,  
104.9118

■ 26.9115, 48.8395,  
24.2364

■ 26.8490, 48.8122,  
24.0118

# Harmonies

## Analogous

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



52.3567, 60.2542, 51.6958



50.5451, 60.2542, 60.0051



50.4821, 60.2542, 70.7737

# Triad

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



50.5451, 60.2542, 60.0051



59.0467, 60.2542, 88.0265



62.6795, 60.2542, 52.1542

# Complementary

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



50.5451, 60.2542, 60.0051



51.5992, 47.4143, 55.7252

# 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.



64.6402, 60.2542, 60.6973



50.5451, 60.2542, 60.0051



62.4810, 60.2542, 81.8126

# Square

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



50.5451, 60.2542, 60.0051



55.2790, 60.2542, 87.7882



64.5660, 60.2542, 71.5462



59.3079, 60.2542, 47.5166



# Rectangle

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



50.5451, 60.2542, 60.0051



51.4333, 60.2542, 77.9749



64.5660, 60.2542, 71.5462



63.5319, 60.2542, 54.6206

# Sweetspot

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



50.5468, 60.2567, 60.0064



88.5226, 96.7645, 102.7448



52.7621, 61.6634, 48.1519



18.8016, 20.6393, 21.8513



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

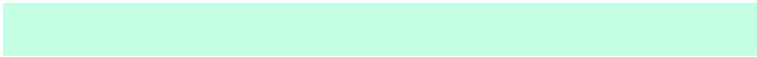


# Same Dimension

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



50.5468, 60.2567, 60.0064



72.5945, 88.8941, 86.5988



52.4775, 60.4812, 71.8620



12.5382, 14.0063, 14.6485



16.4519, 29.8361, 14.9413



1.0339, 1.8162, 1.1204



# Inverse Universe

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



51.5992, 47.4143, 55.7252



74.4501, 66.2544, 79.0529



49.9028, 47.1541, 45.5021



12.6603, 12.5156, 14.1514



18.1798, 9.2082, 8.2510

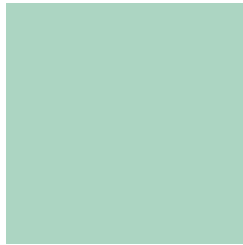


1.1381, 0.5720, 0.7165



# Previews

## White Background



This preview shows how the XYZ color 50.5451, 60.2542, 60.0051 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

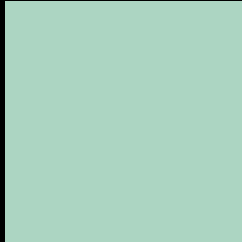
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 50.5451, 60.2542, 60.0051 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

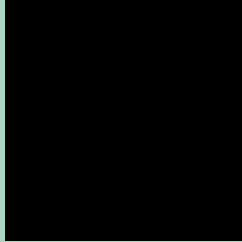
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

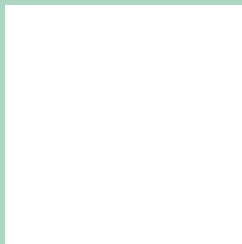
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 50.5451, 60.2542, 60.0051

## Background



This preview shows how black text looks on a background with the XYZ color 50.5451, 60.2542, 60.0051.



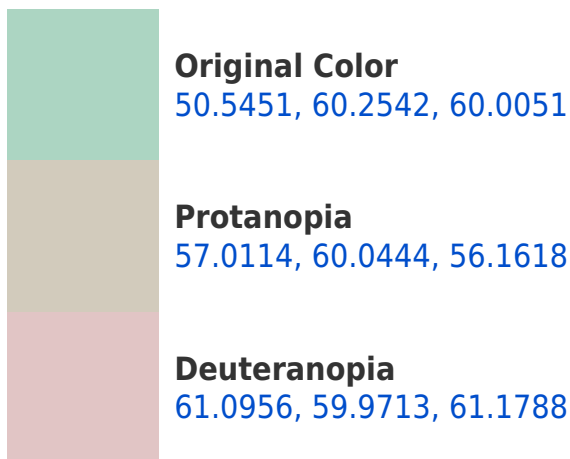
This preview shows how white text looks on a background with the XYZ color 50.5451, 60.2542,



# 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





## Tritanopia

54.5066, 60.0130, 79.9450

# Trichromacy



## Original Color

50.5451, 60.2542, 60.0051

## Protanomaly

54.3720, 60.0791, 57.4459

## Deuteranomaly

56.7733, 59.8192, 60.7785

## Tritanomaly

53.0887, 60.1783, 72.4358

# Monochromacy



## Original Color

50.5451, 60.2542, 60.0051

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

52.6572, 58.0358, 61.2500

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 50.5451, 60.2542, 60.0051 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(172, 213, 194)` looks like.

```
.text, #text, p{  
    color:rgb(172, 213, 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(172, 213, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 213, 194) }
```

## Border

The CSS property to change the border of an element to XYZ 50.5451, 60.2542, 60.0051 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(172, 213, 194) }
```



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

```
.border{ border-color:rgb(172, 213, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 213, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 213, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 213, 194);  
box-shadow:4px 4px 4px 4px rgb(172, 213,  
194) }
```

# Background

The CSS property to change the background color of an element to XYZ 50.5451, 60.2542, 60.0051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 213, 194) }
```

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

```
.background{ background-color: rgb(172,  
213, 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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