

Converting Colors

XYZ(50.2811, 63.1407, 60.6503)

Have a look what the booklet for
XYZ(50.2811, 63.1407, 60.6503)
contains.

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Color

**XYZ(50.2920, 63.1850,
60.5842)**

Conversions

Conversions Part 1

Format	Color
Hex	A1DDC2
RGB	161, 221, 194
RGB Percent	63%, 87%, 76%
CMY	0.3686, 0.1333, 0.2392
CMYK	0.27, 0.00, 0.12, 0.13
HSL	153°, 47%, 75%
HSV	153°, 27%, 87%
XYZ	50.2920, 63.1850, 60.5842
YIQ	199.9820, -27.0930, -21.1170

Conversions

Conversions Part 2

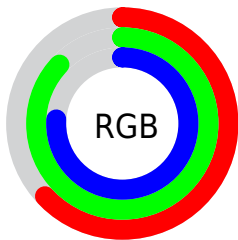
Format	Color
RYB	161, 200, 221
Decimal	10608066
CIELab	83.54, -24.64, 7.12
CIELCh	84, 25.647, 163.880
Yxy	63.1850, 0.2889, 0.3630
Android (android.graphics.Color)	4288798146 (0xFFA1DDC2)
YUV	199.9820, -2.9491, -34.1872
Hunter-Lab	79.4890, -26.1703, 10.4532

Details

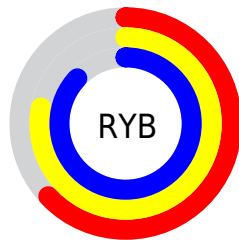
The XYZ color **50.2920, 63.1850, 60.5842** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.6429, 44.4943, 53.4460**, and the grayscale version is **54.9196, 57.7797, 62.9221**.

A 20% lighter version of the original color is **81.6306, 93.1738, 104.1244**, and **24.5542, 32.3540, 29.7618** is the 20% darker color. If you saturate the color by 10%, you get **45.1462, 60.6588, 54.7070**, and if you desaturate by 10%, it is **56.3032, 66.1522, 66.8949**.

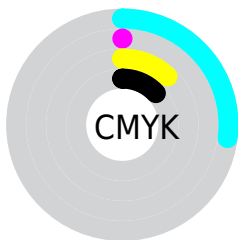
Distribution



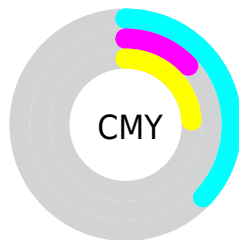
- Red (63%)
- Green (87%)
- Blue (76%)



- Red (63%)
- Yellow (78%)
- Blue (87%)



- Cyan (27%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)





- Cyan (37%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.2920, 63.1850, 60.5842 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 50.2920, 63.1850, 60.5842 by changing the saturation by 10% instead.


 50.2920, 63.1850,
60.5842


 50.2920, 63.1850,
60.5842


378.2399,
436.2406, 444.6121

 35.8642, 45.9909,
43.4613


 89.7966, 109.4364,
107.2283

 24.4990, 32.2386,
29.9132


 115.6041,
139.2624, 137.5866

 15.8309, 21.5438,
19.5212


145.9356,
174.0679, 173.1938

 9.4947, 13.5221,
11.8669

181.1564,
214.2372, 214.4684

 5.1249, 7.7890,
6.5317

221.6319,
260.1547, 261.8290

 2.3562, 3.9603,
3.0970

267.7274,

 0.8232, 1.6514,

312.2049, 315.6942

1.1444

319.8083,
370.7720, 376.4823

0.0000, 0.3919,
0.0000

0.0000, 0.0000,
0.0000

50.2920, 63.1850,
60.5842

50.2920, 63.1850,
60.5842

45.1462, 60.6588,
54.7070

56.3032, 66.1522,
66.8949

40.8178, 58.5437,
49.2495


63.2144, 69.5728,
73.6440


37.2616, 56.8184,
44.2030


71.0646, 73.4686,
80.8420


34.4260, 55.4565,
39.5571


79.8890, 77.8574,
88.4973


 32.2527, 54.4281,
35.3008


 83.3859, 79.4905,
96.3220

 30.6734, 53.6981,
31.4222

 84.9352, 80.1103,
104.4807

 29.5987, 53.2208,
27.9081

 85.1476, 80.1952,
105.5992

 29.3424, 53.1091,
26.9700

Harmonies

Analogous

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



52.8955, 63.1850, 48.8745



50.2920, 63.1850, 60.5842



50.1952, 63.1850, 76.4649

Triad

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



50.2920, 63.1850, 60.5842



62.6761, 63.1850, 103.2948



68.1575, 63.1850, 49.5568

Complementary

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



50.2920, 63.1850, 60.5842



51.6429, 44.4943, 53.4460

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.



71.1291, 63.1850, 61.6610



50.2920, 63.1850, 60.5842



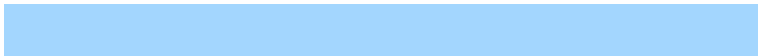
67.8340, 63.1850, 93.5105

Square

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



50.2920, 63.1850, 60.5842



57.1145, 63.1850, 102.8860



71.0072, 63.1850, 77.7219



63.0956, 63.1850, 43.2173

Rectangle

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



50.2920, 63.1850, 60.5842



51.5507, 63.1850, 87.4635



71.0072, 63.1850, 77.7219



69.4476, 63.1850, 52.9966

Sweetspot

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



50.2938, 63.1876, 60.5856



86.4959, 95.7569, 100.9677



53.2778, 65.1077, 43.4781



18.1896, 20.3354, 21.3016



0.0000, 0.0000, 0.0000



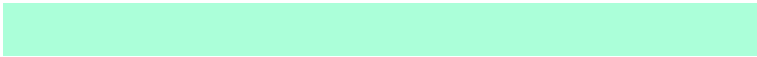
20.3446, 21.4041, 23.3091

Same Dimension

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



50.2938, 63.1876, 60.5856



65.0633, 85.1776, 78.7463



53.0827, 63.4632, 77.8616



13.1847, 14.7255, 15.4355



17.1026, 30.8737, 15.9716



1.1512, 2.0174, 1.2623

Inverse Universe

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



51.6429, 44.4943, 53.4460



67.2485, 54.9188, 67.1958



49.3509, 44.1412, 39.6382



13.2984, 13.1485, 14.8326



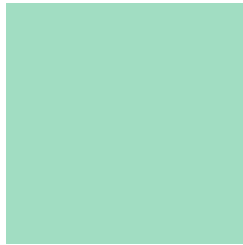
18.6986, 9.4805, 8.0586



1.2544, 0.6314, 0.7486

Previews

White Background



This preview shows how the XYZ color 50.2920, 63.1850, 60.5842 looks on a white background.

Color Contrast Check

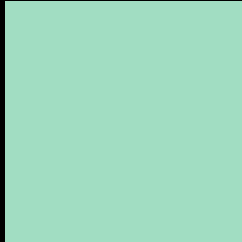
Large Text (above 18pt) WCAG AA × Fail

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 50.2920, 63.1850, 60.5842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

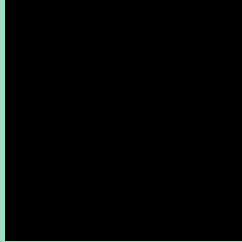
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2920, 63.1850, 60.5842

Background



This preview shows how black text looks on a background with the XYZ color 50.2920, 63.1850, 60.5842.



This preview shows how white text looks on a background with the XYZ color 50.2920, 63.1850,

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
50.2920, 63.1850, 60.5842
Protanopia
59.4947, 62.7697, 55.4344
Deuteranopia
63.8023, 62.3747, 62.1029



Tritanopia

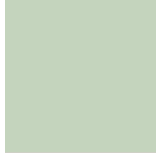
55.3706, 62.9191, 86.3171

Trichromacy



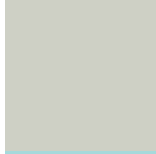
Original Color

50.2920, 63.1850, 60.5842



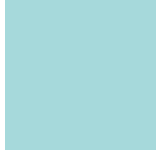
Protanomaly

55.4937, 62.4969, 57.2824



Deuteranomaly

58.0875, 62.2648, 61.7801



Tritanomaly

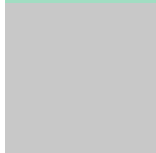
53.3249, 62.8472, 76.3380

Monochromacy



Original Color

50.2920, 63.1850, 60.5842



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

52.9986, 59.6281, 62.1421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2920, 63.1850, 60.5842 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(161, 221, 194)` looks like.

```
.text, #text, p{  
    color:rgb(161, 221, 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(161, 221, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 221, 194) }
```

Border

The CSS property to change the border of an element to XYZ 50.2920, 63.1850, 60.5842 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(161, 221, 194) }
```


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

```
.border{ border-color:rgb(161, 221, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 221, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 221, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 221, 194);  
box-shadow:4px 4px 4px 4px rgb(161, 221,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2920, 63.1850, 60.5842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 221, 194) }
```

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

```
.background{ background-color: rgb(161,  
221, 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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