

Converting Colors

XYZ(52.2067, 60.2500, 67.2237)

Have a look what the booklet for
XYZ(52.2067, 60.2500, 67.2237)
contains.

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Color

**XYZ(52.1140, 60.1587,
67.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD3CE
RGB	175, 211, 206
RGB Percent	69%, 83%, 81%
CMY	0.3137, 0.1725, 0.1922
CMYK	0.17, 0.00, 0.02, 0.17
HSL	172°, 29%, 76%
HSV	172°, 17%, 83%
XYZ	52.1140, 60.1587, 67.2576
YIQ	199.6660, -19.8510, -9.1870

Conversions

Conversions Part 2

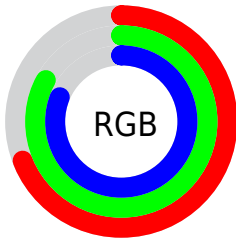
Format	Color
RYB	175, 194, 211
Decimal	11523022
CIELab	81.92, -12.85, -1.49
CIELCh	82, 12.937, 186.634
Yxy	60.1587, 0.2903, 0.3351
Android (android.graphics.Color)	4289713102 (0xFFAFD3CE)
YUV	199.6660, 3.1227, -21.6321
Hunter-Lab	77.5620, -15.7993, 2.8804

Details

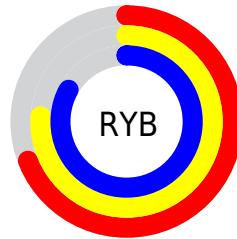
The XYZ color **52.1140, 60.1587, 67.2576** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.4343, 47.8057, 49.7518**, and the grayscale version is **54.6858, 57.5338, 62.6543**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **25.5820, 30.1815, 34.1831** is the 20% darker color. If you saturate the color by 10%, you get **47.3908, 57.7662, 65.1955**, and if you desaturate by 10%, it is **57.5873, 62.9404, 69.3920**.

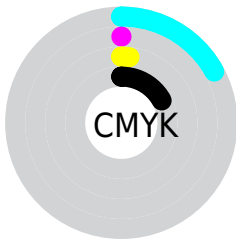
Distribution



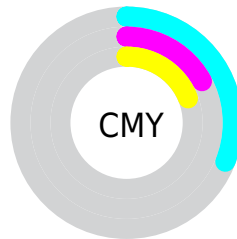
- Red (69%)
- Green (83%)
- Blue (81%)



- Red (69%)
- Yellow (76%)
- Blue (83%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (31%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1140, 60.1587, 67.2576 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 52.1140, 60.1587, 67.2576 by changing the saturation by 10% instead.

■ 52.1140, 60.1587,
67.2576

■ 52.1140, 60.1587,
67.2576

385.1933,
425.1825, 469.3876

■ 37.3206, 43.5466,
48.8311

■ 92.4726, 105.0598,
116.9336

■ 25.6306, 30.3142,
34.1209

118.7684,
134.1176, 149.0202

■ 16.6787, 20.0772,
22.7083

149.6292,
168.0928, 186.4972

■ 10.0996, 12.4512,
14.1750

185.4201,
207.3697, 229.7831

■ 5.5278, 7.0517,
8.1024

226.5067,
252.3327, 279.2966

■ 2.5981, 3.4945,
4.0718

273.2541,

■ 0.9450, 1.3950,

303.3662, 335.4562

1.6648

326.0279,
360.8547, 398.6803

■ 0.0000, 0.2130,
0.3365

■ 0.0000, 0.0000,
0.0000

■ 52.1140, 60.1587,
67.2576

■ 52.1140, 60.1587,
67.2576

■ 47.3908, 57.7662,
65.1955

■ 57.5873, 62.9404,
69.3920

■ 43.3782, 55.7376,
63.1999

■ 63.8377, 66.1202,
71.5965

■ 40.0410, 54.0565,
61.2702

■ 70.8969, 69.7163,
73.8738

■ 37.3387, 52.7019,
59.4044

■ 77.1549, 72.8985,
76.1489

■ 35.2267, 51.6509,
57.6001

■ 77.5415, 73.0532,
78.1846

■ 33.6544, 50.8773,
55.8549

■ 77.9349, 73.2105,
80.2562

■ 32.5627, 50.3508,
54.1657

■ 78.3352, 73.3706,
82.3640

■ 31.8728, 50.0307,
52.5286

■ 78.7423, 73.5335,
84.5080

■ 31.7062, 49.9550,
52.0557

■ 79.1564, 73.6991,
86.6885

Harmonies

Analogous

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



52.4871, 60.1587, 59.7104



52.1140, 60.1587, 67.2576



53.0629, 60.1587, 74.9045

Triad

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



52.1140, 60.1587, 67.2576



60.3740, 60.1587, 78.3438



59.2897, 60.1587, 52.6295

Complementary

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



52.1140, 60.1587, 67.2576



50.4343, 47.8057, 49.7518

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.



61.5027, 60.1587, 56.9223



52.1140, 60.1587, 67.2576



62.1426, 60.1587, 71.6577

Square

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



52.1140, 60.1587, 67.2576



57.7886, 60.1587, 81.6265



62.5621, 60.1587, 63.7784



56.5738, 60.1587, 51.6555

Rectangle

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



52.1140, 60.1587, 67.2576



54.3359, 60.1587, 78.9002



62.5621, 60.1587, 63.7784



60.1197, 60.1587, 53.7146

Sweetspot

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



52.1157, 60.1612, 67.2589



90.2298, 97.5479, 107.1923



49.9496, 59.4376, 49.3984



19.1732, 20.8082, 22.8927



0.0000, 0.0000, 0.0000



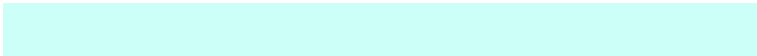
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1157, 60.1612, 67.2589



77.5916, 91.1293, 102.2364



49.7245, 54.3904, 69.5086



12.0848, 13.3777, 14.8028



19.1622, 30.1578, 31.5640



1.0914, 1.6942, 1.8698

Inverse Universe

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



50.4343, 47.8057, 49.7518



74.6016, 69.1532, 71.1012



52.5017, 52.7417, 47.9714



11.8747, 11.8346, 12.6159



16.3710, 8.4212, 1.5937



0.9376, 0.4797, 0.2060

Previews

White Background



This preview shows how the XYZ color 52.1140, 60.1587, 67.2576 looks on a white background.

Color Contrast Check

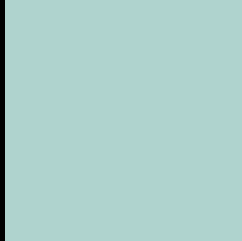
Large Text (above 18pt) WCAG AA × Fail

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 52.1140, 60.1587, 67.2576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

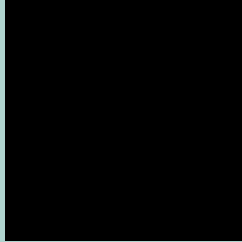
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1140, 60.1587, 67.2576

Background



This preview shows how black text looks on a background with the XYZ color 52.1140, 60.1587, 67.2576.

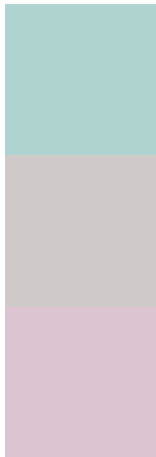


This preview shows how white text looks on a background with the XYZ color 52.1140, 60.1587,

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

52.1140, 60.1587, 67.2576

Protanopia

57.3953, 59.7235, 63.7611

Deuteranopia

60.9901, 59.7516, 68.6403



Tritanopia

54.7369, 60.1317, 79.9558

Trichromacy



Original Color

52.1140, 60.1587, 67.2576

Protanomaly

55.1165, 59.5765, 65.0944

Deuteranomaly

57.4075, 59.6325, 68.1590

Tritanomaly

53.8155, 60.1279, 75.0991

Monochromacy



Original Color

52.1140, 60.1587, 67.2576

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.7394, 58.5264, 64.3415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1140, 60.1587, 67.2576 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(175, 211, 206)` looks like.

```
.text, #text, p{  
    color:rgb(175, 211, 206)  
}
```

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(175, 211, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 211, 206) }
```

Border

The CSS property to change the border of an element to XYZ 52.1140, 60.1587, 67.2576 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(175, 211, 206) }
```


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

```
.border{ border-color:rgb(175, 211, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 211, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 211, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 211, 206);  
box-shadow:4px 4px 4px 4px rgb(175, 211,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1140, 60.1587, 67.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 211, 206) }
```

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

```
.background{ background-color: rgb(175,  
211, 206) }
```

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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