

Converting Colors

XYZ(51.7643, 60.2624, 65.1701)

Have a look what the booklet for
XYZ(51.7643, 60.2624, 65.1701)
contains.

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Color

**XYZ(52.0022, 60.5127,
65.4392)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD4CB
RGB	175, 212, 203
RGB Percent	69%, 83%, 80%
CMY	0.3137, 0.1686, 0.2039
CMYK	0.17, 0.00, 0.04, 0.17
HSL	165°, 30%, 76%
HSV	165°, 17%, 83%
XYZ	52.0022, 60.5127, 65.4392
YIQ	199.9110, -19.1630, -10.6430

Conversions

Conversions Part 2

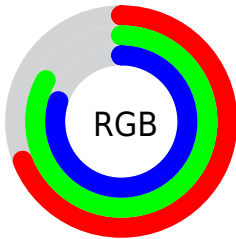
Format	Color
RYB	175, 196, 212
Decimal	11523275
CIELab	82.12, -13.97, 0.39
CIELCh	82, 13.975, 178.421
Yxy	60.5127, 0.2922, 0.3400
Android (android.graphics.Color)	4289713355 (0xFFAFD4CB)
YUV	199.9110, 1.5229, -21.8469
Hunter-Lab	77.7899, -16.8059, 4.5764

Details

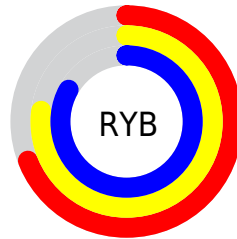
The XYZ color **52.0022, 60.5127, 65.4392** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.1353, 48.1194, 51.9430**, and the grayscale version is **54.8457, 57.7020, 62.8374**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **25.5078, 30.4214, 32.9613** is the 20% darker color. If you saturate the color by 10%, you get **47.0083, 58.0097, 62.0508**, and if you desaturate by 10%, it is **57.7671, 63.4140, 68.9730**.

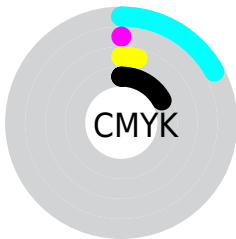
Distribution



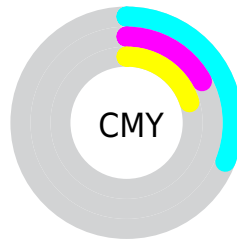
- Red (69%)
- Green (83%)
- Blue (80%)



- Red (69%)
- Yellow (77%)
- Blue (83%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)



- Cyan (31%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0022, 60.5127, 65.4392 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 52.0022, 60.5127, 65.4392 by changing the saturation by 10% instead.

■ 52.0022, 60.5127,
65.4392

■ 52.0022, 60.5127,
65.4392

384.7689,
426.4850, 462.7179

■ 37.2311, 43.8320,
47.3637

■ 92.3087, 105.5730,
114.3004

■ 25.5610, 30.5385,
32.9669

118.5748,
134.7215, 145.9231

■ 16.6264, 20.2477,
21.8302

149.4033,
168.7947, 182.8987

■ 10.0622, 12.5752,
13.5350

185.1595,
208.1769, 225.6456

■ 5.5028, 7.1367,
7.6630

226.2088,
253.2527, 274.5825

■ 2.5829, 3.5477,
3.7954

272.9166,

■ 0.9373, 1.4239,

304.4064, 330.1278

1.5138

325.6482,
362.0223, 392.7001

■ 0.0000, 0.2343,
0.2282

■ 0.0000, 0.0000,
0.0000

■ 52.0022, 60.5127,
65.4392

■ 52.0022, 60.5127,
65.4392

■ 47.0083, 58.0097,
62.0508

■ 57.7671, 63.4140,
68.9730

■ 42.7451, 55.8795,
58.8010

■ 64.3304, 66.7229,
72.6508

■ 39.1768, 54.1052,
55.6885

■ 71.7247, 70.4578,
76.4762

■ 36.2622, 52.6655,
52.7103

■ 78.1896, 73.7111,
80.3679

■ 33.9556, 51.5371,
49.8631

■ 78.8985, 73.9947,
84.1009

■ 32.2055, 50.6932,
47.1435

■ 79.6288, 74.2868,
87.9466

■ 30.9513, 50.1028,
44.5475

■ 80.3806, 74.5876,
91.9060

■ 30.1103, 49.7232,
42.0701

■ 81.1543, 74.8970,
95.9799

■ 29.9268, 49.6420,
41.4564

■ 81.9499, 75.2153,
100.1694

Harmonies

Analogous

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



52.7936, 60.5127, 57.7016



52.0022, 60.5127, 65.4392



52.6454, 60.5127, 73.9695

Triad

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



52.0022, 60.5127, 65.4392



60.2721, 60.5127, 81.3177



60.5533, 60.5127, 52.9330

Complementary

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



52.0022, 60.5127, 65.4392



51.1353, 48.1194, 51.9430

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.



62.6771, 60.5127, 58.4177



52.0022, 60.5127, 65.4392



62.5109, 60.5127, 74.8144

Square

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



52.0022, 60.5127, 65.4392



57.3586, 60.5127, 83.5960



63.4053, 60.5127, 66.3389



57.6727, 60.5127, 50.8759

Rectangle

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



52.0022, 60.5127, 65.4392



53.8140, 60.5127, 78.8734



63.4053, 60.5127, 66.3389



61.3830, 60.5127, 54.4124

Sweetspot

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



52.0039, 60.5152, 65.4406



90.0183, 97.4633, 106.0784



51.1104, 60.4060, 49.5243



19.1217, 20.7876, 22.6212



0.0000, 0.0000, 0.0000



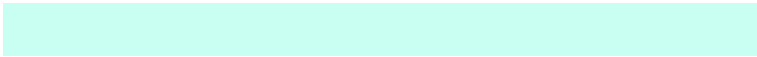
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0039, 60.5152, 65.4406



75.9912, 90.4090, 97.4271



50.8617, 56.4636, 70.5081



12.6570, 14.0538, 15.2743



18.5158, 30.6617, 25.8094



1.1484, 1.8620, 1.7233

Inverse Universe

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



51.1353, 48.1194, 51.9430



74.4306, 68.1230, 73.1657



52.0837, 51.4790, 47.7499



12.5459, 12.4699, 13.5490



17.1722, 8.8052, 2.9447



1.0688, 0.5443, 0.3518

Previews

White Background



This preview shows how the XYZ color 52.0022, 60.5127, 65.4392 looks on a white background.

Color Contrast Check

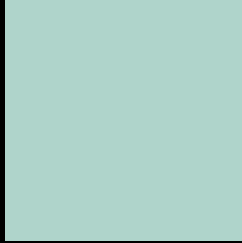
Large Text (above 18pt) WCAG AA × Fail

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 52.0022, 60.5127, 65.4392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

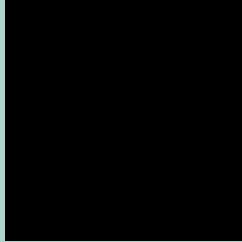
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0022, 60.5127, 65.4392

Background



This preview shows how black text looks on a background with the XYZ color 52.0022, 60.5127, 65.4392.



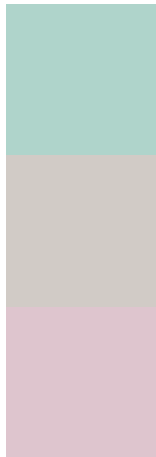
This preview shows how white text looks on a background with the XYZ color 52.0022, 60.5127,

65.4392.

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

52.0022, 60.5127, 65.4392

Protanopia

57.8435, 60.3444, 62.0250

Deuteranopia

61.2310, 59.9183, 66.7307



Tritanopia

54.9815, 60.6209, 80.0373

Trichromacy



Original Color

52.0022, 60.5127, 65.4392

Protanomaly

55.5226, 60.1831, 63.3337

Deuteranomaly

57.3168, 59.6280, 66.2460

Tritanomaly

53.9311, 60.5679, 74.4939

Monochromacy



Original Color

52.0022, 60.5127, 65.4392

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.6213, 58.4791, 63.7198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0022, 60.5127, 65.4392 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, 212, 203)` looks like.

```
.text, #text, p{  
    color:rgb(175, 212, 203)  
}
```

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, 212, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 212, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.0022, 60.5127, 65.4392 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, 212, 203) }
```


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

```
.border{ border-color:rgb(175, 212, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 212, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 212, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 212, 203);  
box-shadow:4px 4px 4px 4px rgb(175, 212,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0022, 60.5127, 65.4392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 212, 203) }
```

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

```
.background{ background-color: rgb(175,  
212, 203) }
```

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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