

Converting Colors

XYZ(53.0125, 60.2982, 73.0249)

Have a look what the booklet for
XYZ(53.0125, 60.2982, 73.0249)
contains.

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Color

**XYZ(52.9915, 60.1134,
73.1001)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD2D7
RGB	175, 210, 215
RGB Percent	69%, 82%, 84%
CMY	0.3137, 0.1765, 0.1569
CMYK	0.19, 0.02, 0.00, 0.16
HSL	187°, 33%, 76%
HSV	187°, 19%, 84%
XYZ	52.9915, 60.1134, 73.1001
YIQ	200.1050, -22.4650, -5.8650

Conversions

Conversions Part 2

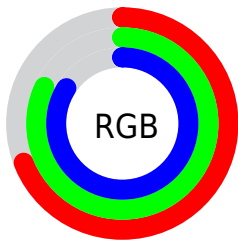
Format	Color
RYB	175, 194, 215
Decimal	11522775
CIELab	81.90, -10.46, -6.33
CIELCh	82, 12.228, 211.191
Yxy	60.1134, 0.2846, 0.3228
Android (android.graphics.Color)	4289712855 (0xFFAFD2D7)
YUV	200.1050, 7.3432, -22.0171
Hunter-Lab	77.5328, -13.6827, -1.6273

Details

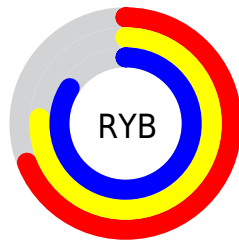
The XYZ color **52.9915, 60.1134, 73.1001** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.0840, 50.1848, 47.5001**, and the grayscale version is **54.9319, 57.7926, 62.9361**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **26.2597, 30.4526, 37.7516** is the 20% darker color. If you saturate the color by 10%, you get **47.8878, 56.5076, 72.6741**, and if you desaturate by 10%, it is **58.8782, 64.1425, 73.5685**.

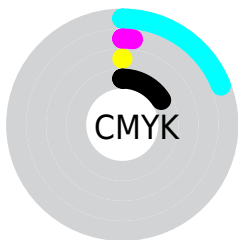
Distribution



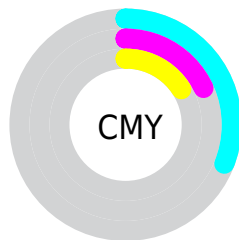
- Red (69%)
- Green (82%)
- Blue (84%)



- Red (69%)
- Yellow (76%)
- Blue (84%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (31%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9915, 60.1134, 73.1001 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 52.9915, 60.1134, 73.1001 by changing the saturation by 10% instead.

■ 52.9915, 60.1134,
73.1001

■ 52.9915, 60.1134,
73.1001

388.5139,
425.0156, 490.4417

■ 38.0234, 43.5100,
53.5655

■ 93.7575, 104.9942,
125.3415

■ 26.1782, 30.2855,
37.8636

120.2861,
134.0403, 158.8855

■ 17.0904, 20.0554,
25.5758

151.3989,
168.0029, 197.9362

■ 10.3946, 12.4353,
16.2837

187.4613,
207.2663, 242.9124

■ 5.7257, 7.0409,
9.5686

228.8387,
252.2149, 294.2325

■ 2.7181, 3.4877,
5.0120

275.8963,

■ 1.0065, 1.3913,

303.2330, 352.3150

2.1955

328.9996,
360.7051, 417.5786

■ 0.0000, 0.2103,
0.6717

■ 0.0000, 0.0000,
0.0000

■ 52.9915, 60.1134,
73.1001

■ 52.9915, 60.1134,
73.1001

■ 47.8878, 56.5076,
72.6741

■ 58.8782, 64.1425,
73.5685

■ 43.5254, 53.2989,
72.2847

■ 65.5765, 68.6050,
74.0768

■ 39.8668, 50.4694,
71.9313

■ 73.1201, 73.5199,
74.6279

■ 36.8692, 47.9969,
71.6121

■ 79.2960, 77.7466,
75.1182

■ 34.4848, 45.8567,
71.3247

■ 80.0099, 79.1743,
75.3562

■ 32.6595, 44.0209,
71.0665

■ 80.7351, 80.6247,
75.5979

■ 31.3295, 42.4564,
70.8346

■ 81.4718, 82.0981,
75.8435

■ 30.3971, 41.1129,
70.6245

■ 82.2200, 83.5945,
76.0929

■ 30.2792, 40.9330,
70.5959

■ 82.9797, 85.1139,
76.3461

Harmonies

Analogous

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



52.3126, 60.1134, 65.7494



52.9915, 60.1134, 73.1001



54.7757, 60.1134, 78.7255

Triad

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



52.9915, 60.1134, 73.1001



61.5996, 60.1134, 72.5502



57.0328, 60.1134, 52.2366

Complementary

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



52.9915, 60.1134, 73.1001



52.0840, 50.1848, 47.5001

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.



59.5631, 60.1134, 53.7634



52.9915, 60.1134, 73.1001



62.2471, 60.1134, 65.1580

Square

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



52.9915, 60.1134, 73.1001



59.7471, 60.1134, 78.3916



61.4911, 60.1134, 58.3592



54.6021, 60.1134, 54.0232

Rectangle

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



52.9915, 60.1134, 73.1001



56.3787, 60.1134, 80.5407



61.4911, 60.1134, 58.3592



57.9000, 60.1134, 52.3785

Sweetspot

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



52.9933, 60.1159, 73.1015



89.0366, 95.9993, 108.4447



50.1850, 60.9976, 52.1320



18.9232, 20.4577, 23.2013



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.



52.9933, 60.1159, 73.1015



75.1414, 86.4779, 107.3393



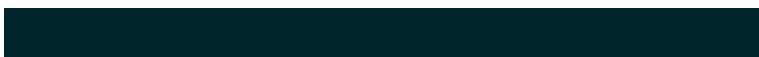
48.4318, 50.9929, 71.5810



12.6537, 13.8307, 15.9402



18.1640, 24.5897, 42.2421



1.1335, 1.5590, 2.5605

Inverse Universe

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



54.9885, 49.7614, 67.6823



78.5823, 68.8376, 97.9451



56.3404, 58.6976, 48.9189



12.8831, 12.6048, 15.3248



22.2272, 10.8272, 29.5641



1.3598, 0.6607, 1.8840

Previews

White Background



This preview shows how the XYZ color 52.9915, 60.1134, 73.1001 looks on a white background.

Color Contrast Check

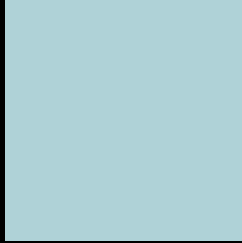
Large Text (above 18pt) WCAG AA × Fail

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 52.9915, 60.1134, 73.1001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

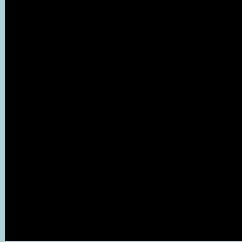
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9915, 60.1134, 73.1001

Background



This preview shows how black text looks on a background with the XYZ color 52.9915, 60.1134, 73.1001.



This preview shows how white text looks on a background with the XYZ color 52.9915, 60.1134,

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

52.9915, 60.1134, 73.1001

Protanopia

57.9302, 59.8733, 69.4762

Deuteranopia

60.9400, 59.5934, 74.6205



Tritanopia

54.2779, 59.8951, 79.9343

Trichromacy



Original Color

52.9915, 60.1134, 73.1001

Protanomaly

55.9631, 59.8854, 70.8968

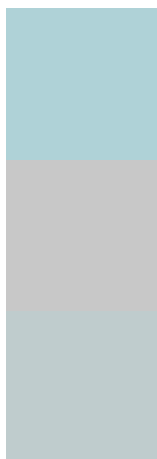
Deuteranomaly

57.7323, 59.6683, 74.1200

Tritanomaly

53.7561, 60.0515, 77.1645

Monochromacy



Original Color

52.9915, 60.1134, 73.1001

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.0982, 58.6699, 66.2307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9915, 60.1134, 73.1001 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, 210, 215)` looks like.

```
.text, #text, p{  
    color:rgb(175, 210, 215)  
}
```

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, 210, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 210, 215) }
```

Border

The CSS property to change the border of an element to XYZ 52.9915, 60.1134, 73.1001 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, 210, 215) }
```


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

```
.border{ border-color:rgb(175, 210, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 210, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 210, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 210, 215);  
box-shadow:4px 4px 4px 4px rgb(175, 210,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9915, 60.1134, 73.1001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 210, 215) }
```

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

```
.background{ background-color: rgb(175,  
210, 215) }
```

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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