

Converting Colors

XYZ(52.6912, 61.1126, 71.3062)

Have a look what the booklet for
XYZ(52.6912, 61.1126, 71.3062)
contains.

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Color

**XYZ(52.6912, 61.1126,
71.3062)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ACD5D4 |
| RGB | 172, 213, 212 |
| RGB Percent | 67%, 84%, 83% |
| CMY | 0.3255, 0.1647, 0.1686 |
| CMYK | 0.19, 0.00, 0.00, 0.16 |
| HSL | 179°, 33%, 75% |
| HSV | 179°, 19%, 84% |
| XYZ | 52.6912, 61.1126, 71.3062 |
| YIQ | 200.6270, -24.1150, -9.0030 |

Conversions

Conversions Part 2

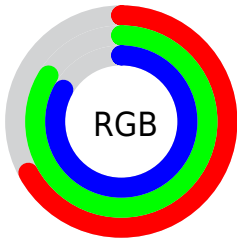
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 172, 193, 213 |
| Decimal | 11326932 |
| CIELab | 82.44, -13.56, -3.96 |
| CIELCh | 82, 14.130, 196.268 |
| Yxy | 61.1126, 0.2846, 0.3301 |
| Android (android.graphics.Color) | 4289517012 (0xFFACD5D4) |
| YUV | 200.6270, 5.6069, -25.1059 |
| Hunter-Lab | 78.1745, -16.4929, 0.6414 |

Details

The XYZ color **52.6912, 61.1126, 71.3062** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.7381, 46.6701, 45.9245**, and the grayscale version is **55.2650, 58.1431, 63.3179**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **25.9204, 30.8100, 36.4791** is the 20% darker color. If you saturate the color by 10%, you get **48.3208, 58.8688, 70.7605**, and if you desaturate by 10%, it is **57.8146, 63.7478, 71.8909**.

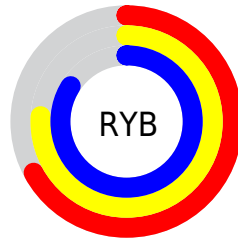
Distribution



Red (67%)

Green (84%)

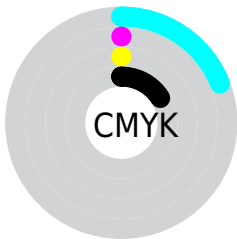
Blue (83%)



Red (67%)

Yellow (76%)

Blue (84%)

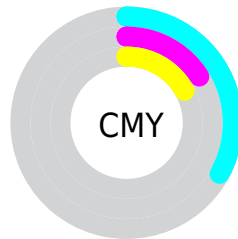


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (33%)

Magenta (16%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6912, 61.1126, 71.3062 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 52.6912, 61.1126, 71.3062 by changing the saturation by 10% instead.

■ 52.6912, 61.1126,
71.3062

■ 52.6912, 61.1126,
71.3062

387.3795,
428.6867, 484.0356

■ 37.7828, 44.3160,
52.1087

■ 93.3180, 106.4420,
122.7681

■ 25.9906, 30.9190,
36.7089

119.7672,
135.7435, 155.8697

■ 16.9493, 20.5372,
24.6882

150.7939,
169.9823, 194.4431

■ 10.2934, 12.7861,
15.6280

186.7637,
209.5425, 238.9068

■ 5.6577, 7.2815,
9.1098

228.0417,
254.8087, 289.6793

■ 2.6767, 3.6387,
4.7151

274.9935,

■ 0.9852, 1.4736,

306.1652, 347.1793

2.0253

327.9843,
363.9964, 411.8252

■ 0.0000, 0.2700,
0.5708

■ 0.0000, 0.0000,
0.0000

■ 52.6912, 61.1126,
71.3062

■ 52.6912, 61.1126,
71.3062

■ 48.3208, 58.8688,
70.7605

■ 57.8146, 63.7478,
71.8909

■ 44.6625, 56.9904,
70.2479

■ 63.7190, 66.7840,
72.5119

■ 41.6796, 55.4602,
69.7680

■ 70.4374, 70.2398,
73.1721

■ 39.3299, 54.2564,
69.3189

■ 77.1838, 73.7100,
73.8348

■ 37.5664, 53.3548,
68.8983

■ 77.2505, 73.7367,
74.1859

■ 36.3359, 52.7279,
68.5037

■ 77.3174, 73.7635,
74.5382

■ 35.5753, 52.3432,
68.1322

■ 77.3845, 73.7903,
74.8916

■ 35.1801, 52.1469,
67.7790

■ 77.4518, 73.8172,
75.2461

■ 35.1553, 52.1346,
67.7527

■ 77.5194, 73.8443,
75.6018

Harmonies

Analogous

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



52.6289, 61.1126, 62.6735



52.6912, 61.1126, 71.3062



54.1658, 61.1126, 79.2870

Triad

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



52.6912, 61.1126, 71.3062



62.3805, 61.1126, 78.7039



59.4742, 61.1126, 51.6673

Complementary

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



52.6912, 61.1126, 71.3062



49.7381, 46.6701, 45.9245

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.



62.1903, 61.1126, 55.2403



52.6912, 61.1126, 71.3062



63.9072, 61.1126, 70.5649

Square

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



52.6912, 61.1126, 71.3062



59.7265, 61.1126, 83.8043



63.8364, 61.1126, 61.9934



56.4752, 61.1126, 51.8283

Rectangle

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



52.6912, 61.1126, 71.3062



55.7814, 61.1126, 82.9442



63.8364, 61.1126, 61.9934



60.4526, 61.1126, 52.4573

Sweetspot

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



52.6930, 61.1151, 71.3076



89.5832, 97.1887, 108.3300



48.5573, 59.4957, 47.9555



19.0528, 20.7398, 23.1741



0.0000, 0.0000, 0.0000



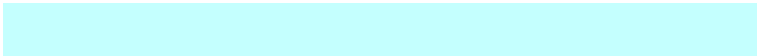
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6930, 61.1151, 71.3076



76.4360, 90.4307, 106.8280



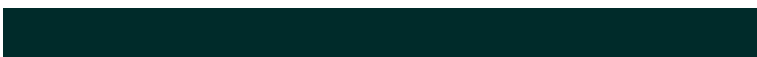
48.2874, 52.1010, 70.4651



12.7785, 14.1024, 15.9138



21.4793, 31.8471, 41.4154



1.2998, 1.9226, 2.5204

Inverse Universe

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



49.7381, 46.6701, 45.9245



71.2271, 64.9652, 62.0812



53.5490, 54.4466, 46.7179



12.4354, 12.4257, 12.9673



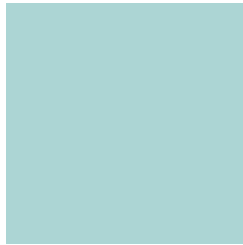
16.7848, 8.6502, 0.9050



1.0168, 0.5235, 0.0779

Previews

White Background



This preview shows how the XYZ color 52.6912, 61.1126, 71.3062 looks on a white background.

Color Contrast Check

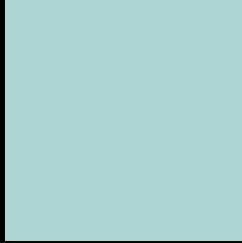
Large Text (above 18pt) WCAG AA × Fail

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 52.6912, 61.1126, 71.3062 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

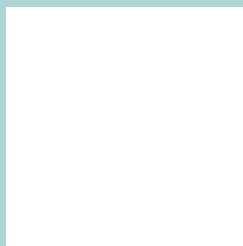
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6912, 61.1126, 71.3062

Background



This preview shows how black text looks on a background with the XYZ color 52.6912, 61.1126, 71.3062.



This preview shows how white text looks on a background with the XYZ color 52.6912, 61.1126,

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

52.6912, 61.1126, 71.3062

Protanopia

58.7459, 61.0519, 67.0805

Deuteranopia

62.2044, 60.9688, 72.7796



Tritanopia

54.8386, 61.2485, 81.6049

Trichromacy



Original Color

52.6912, 61.1126, 71.3062

Protanomaly

56.2037, 60.7818, 68.4443

Deuteranomaly

58.3591, 60.7373, 72.2659

Tritanomaly

54.1839, 61.3596, 78.0950

Monochromacy



Original Color

52.6912, 61.1126, 71.3062

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.0860, 59.0176, 66.2985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6912, 61.1126, 71.3062 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(172, 213, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 213, 212) }
```

Border

The CSS property to change the border of an element to XYZ 52.6912, 61.1126, 71.3062 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, 212) }
```


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

```
.border{ border-color:rgb(172, 213, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 213, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 213, 212);  
box-shadow:4px 4px 4px 4px rgb(172, 213,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6912, 61.1126, 71.3062 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, 212) }
```

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

```
.background{ background-color: rgb(172,  
213, 212) }
```

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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