

Converting Colors

XYZ(51.3061, 62.2205, 74.9513)

Have a look what the booklet for
XYZ(51.3061, 62.2205, 74.9513)
contains.

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Color

**XYZ(51.3061, 62.2205,
74.9513)**

Conversions

Conversions Part 1

Format	Color
Hex	9CDAD9
RGB	156, 218, 217
RGB Percent	61%, 85%, 85%
CMY	0.3882, 0.1451, 0.1490
CMYK	0.28, 0.00, 0.00, 0.15
HSL	179°, 46%, 73%
HSV	179°, 28%, 85%
XYZ	51.3061, 62.2205, 74.9513
YIQ	199.3480, -36.6310, -13.4550

Conversions

Conversions Part 2

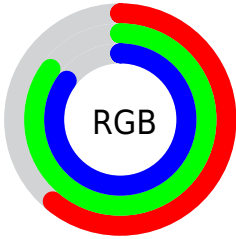
Format	Color
R _{YB}	156, 187, 218
Decimal	10279641
CIE _{Lab}	83.03, -19.74, -5.85
CIE _{LCh}	83, 20.592, 196.502
Y _{xy}	62.2205, 0.2722, 0.3301
Android (android.graphics.Color)	4288469721 (0xFF9CDAD9)
YUV	199.3480, 8.7024, -38.0162
Hunter-Lab	78.8800, -21.9377, -1.1210

Details

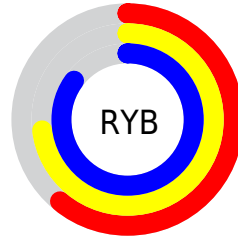
The XYZ color **51.3061, 62.2205, 74.9513** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.8899, 41.1185, 37.3660**, and the grayscale version is **54.4651, 57.3015, 62.4013**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **25.0983, 31.6278, 38.9644** is the 20% darker color. If you saturate the color by 10%, you get **47.4151, 60.2215, 74.5314**, and if you desaturate by 10%, it is **55.9580, 64.6149, 75.4100**.

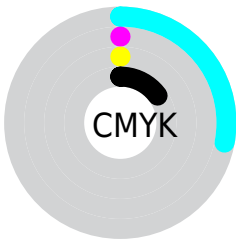
Distribution



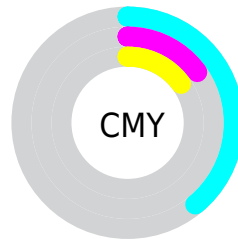
- Red (61%)
- Green (85%)
- Blue (85%)



- Red (61%)
- Yellow (73%)
- Blue (85%)



- Cyan (28%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (39%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3061, 62.2205, 74.9513 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 51.3061, 62.2205, 74.9513 by changing the saturation by 10% instead.

■ 51.3061, 62.2205,
74.9513

■ 51.3061, 62.2205,
74.9513

382.1200,
432.7349, 497.0011

■ 36.6743, 45.2109,
55.0715

■ 91.2874, 108.0442,
127.9899

■ 25.1279, 31.6236,
39.0600

■ 117.3676,
137.6270, 161.9858

■ 16.3016, 21.0741,
26.4982

147.9946,
172.1697, 201.5241

■ 9.8301, 13.1782,
16.9676

183.5339,
212.0566, 247.0234

■ 5.3478, 7.5514,
10.0497

224.3507,
257.6722, 298.9022

■ 2.4896, 3.8093,
5.3259

270.8104,

■ 0.8900, 1.5674,

309.4009, 357.5790

2.3776

323.2784,
367.6270, 423.4725

■ 0.0000, 0.3355,
0.7742

■ 0.0000, 0.0000,
0.0000

■ 51.3061, 62.2205,
74.9513

■ 51.3061, 62.2205,
74.9513

■ 47.4151, 60.2215,
74.5314

■ 55.9580, 64.6149,
75.4100

■ 44.2389, 58.5894,
74.1441

■ 61.4027, 67.4164,
75.9050

■ 41.7351, 57.3039,
73.7888

■ 67.6771, 70.6457,
76.4393

■ 39.8545, 56.3397,
73.4632

■ 74.8141, 74.3196,
77.0145

■ 38.5413, 55.6679,
73.1647

■ 79.0676, 76.5070,
77.4552

■ 37.7295, 55.2547,
72.8901

■ 79.1140, 76.5256,
77.6996

■ 37.3209, 55.0493,
72.6349

■ 79.1606, 76.5442,
77.9445

■ 37.2713, 55.0245,
72.5958

■ 79.2072, 76.5628,
78.1899

■ 79.2539, 76.5815,
78.4359

Harmonies

Analogous

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



51.2006, 62.2205, 62.1856



51.3061, 62.2205, 74.9513



53.4408, 62.2205, 87.1294

Triad

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



51.3061, 62.2205, 74.9513



65.5671, 62.2205, 86.0594



61.1591, 62.2205, 46.5986

Complementary

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



51.3061, 62.2205, 74.9513



46.8899, 41.1185, 37.3660

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.



65.2279, 62.2205, 51.4769



51.3061, 62.2205, 74.9513



67.8577, 62.2205, 73.6316

Square

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



51.3061, 62.2205, 74.9513



61.6033, 62.2205, 94.0724



67.7305, 62.2205, 61.0208



56.7408, 62.2205, 46.8582

Rectangle

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



51.3061, 62.2205, 74.9513



55.7913, 62.2205, 92.8048



67.7305, 62.2205, 61.0208



62.6174, 62.2205, 47.6629

Sweetspot

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



51.3079, 62.2230, 74.9527



87.0452, 95.8803, 108.2138



44.9852, 59.7171, 40.6093



18.3740, 20.3900, 23.1394



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.



51.3079, 62.2230, 74.9527



69.7975, 87.0078, 106.5442



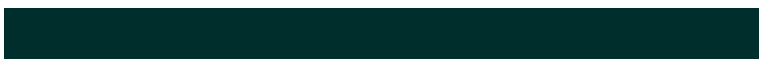
44.3574, 48.1126, 73.2813



13.4353, 14.8258, 16.7553



22.3326, 32.9657, 43.5124



1.4498, 2.1369, 2.8346

Inverse Universe

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



46.8899, 41.1185, 37.3660



62.5256, 52.2672, 44.6757



52.4683, 52.4117, 38.8048



13.0645, 13.0549, 13.6012



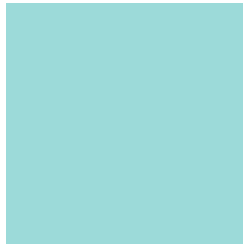
17.3375, 8.9361, 0.8916



1.1263, 0.5801, 0.0739

Previews

White Background



This preview shows how the XYZ color 51.3061, 62.2205, 74.9513 looks on a white background.

Color Contrast Check

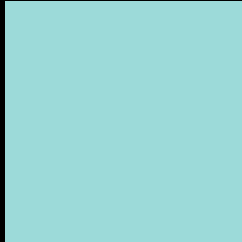
Large Text (above 18pt) WCAG AA × Fail

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 51.3061, 62.2205, 74.9513 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

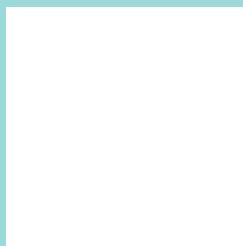
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3061, 62.2205, 74.9513

Background



This preview shows how black text looks on a background with the XYZ color 51.3061, 62.2205, 74.9513.

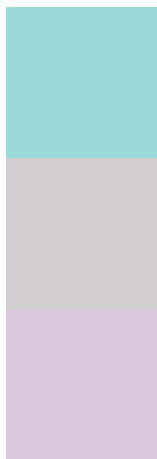


This preview shows how white text looks on a background with the XYZ color 51.3061, 62.2205,

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**

51.3061, 62.2205, 74.9513

Protanopia

59.6344, 61.8214, 69.1113

Deuteranopia

62.9188, 61.5891, 76.9783



Tritanopia

53.7611, 62.4685, 86.3149

Trichromacy



Original Color

51.3061, 62.2205, 74.9513

Protanomaly

56.1655, 61.7938, 71.2545

Deuteranomaly

57.9960, 61.5287, 76.5297

Tritanomaly

52.9761, 62.5427, 81.9529

Monochromacy



Original Color

51.3061, 62.2205, 74.9513

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.7403, 58.6661, 66.9365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3061, 62.2205, 74.9513 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(156, 218, 217)` looks like.

```
.text, #text, p{  
    color:rgb(156, 218, 217)  
}
```

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(156, 218, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 218, 217) }
```

Border

The CSS property to change the border of an element to XYZ 51.3061, 62.2205, 74.9513 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(156, 218, 217) }
```


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

```
.border{ border-color:rgb(156, 218, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 218, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 218, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 218, 217);  
box-shadow:4px 4px 4px 4px rgb(156, 218,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3061, 62.2205, 74.9513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 218, 217) }
```

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

```
.background{ background-color: rgb(156,  
218, 217) }
```

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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