

Converting Colors

XYZ(53.5646, 61.0655, 72.1436)

Have a look what the booklet for
XYZ(53.5646, 61.0655, 72.1436)
contains.

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Color

**XYZ(53.6852, 61.2382,
71.9414)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D4D5
RGB	177, 212, 213
RGB Percent	69%, 83%, 84%
CMY	0.3059, 0.1686, 0.1647
CMYK	0.17, 0.00, 0.00, 0.16
HSL	182°, 30%, 76%
HSV	182°, 17%, 84%
XYZ	53.6852, 61.2382, 71.9414
YIQ	201.6490, -21.1810, -7.1090

Conversions

Conversions Part 2

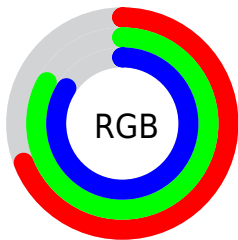
Format	Color
RYB	177, 195, 213
Decimal	11654357
CIELab	82.51, -11.29, -4.36
CIElCh	83, 12.099, 201.102
Yxy	61.2382, 0.2873, 0.3277
Android (android.graphics.Color)	4289844437 (0xFFB1D4D5)
YUV	201.6490, 5.5960, -21.6172
Hunter-Lab	78.2548, -14.4895, 0.2718

Details

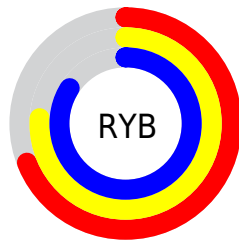
The XYZ color **53.6852, 61.2382, 71.9414** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.2972, 49.1612, 48.3815**, and the grayscale version is **55.8975, 58.8085, 64.0425**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **26.5407, 30.8676, 36.9070** is the 20% darker color. If you saturate the color by 10%, you get **49.0605, 58.6372, 71.6841**, and if you desaturate by 10%, it is **59.0712, 64.2357, 72.2371**.

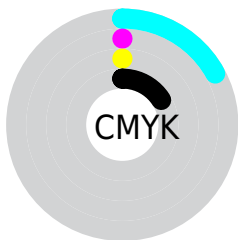
Distribution



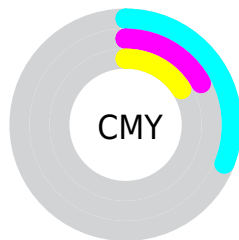
- Red (69%)
- Green (83%)
- Blue (84%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (31%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6852, 61.2382, 71.9414 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 53.6852, 61.2382, 71.9414 by changing the saturation by 10% instead.


 53.6852, 61.2382,
71.9414

 53.6852, 61.2382,
71.9414


391.1264,
429.1468, 486.3097

 38.5797, 44.4174,
52.6243


 94.7715, 106.6238,
123.6802

 26.6122, 30.9988,
37.1172


121.4830,
135.9573, 156.9389

 17.4172, 20.5979,
25.0018


152.7939,
170.2306, 195.6818

 10.6296, 12.8304,
15.8593

189.0695,
209.8281, 240.3276

 5.8838, 7.3119,
9.2714

230.6752,
255.1340, 291.2948

 2.8145, 3.6579,
4.8194

277.9763,

 1.0565, 1.4841,

306.5328, 349.0018

2.0848

331.3383,
364.4090, 413.8672

■ 0.0000, 0.2775,
0.6067

■ 0.0000, 0.0000,
0.0000

■ 53.6852, 61.2382,
71.9414

■ 53.6852, 61.2382,
71.9414

■ 49.0605, 58.6372,
71.6841

■ 59.0712, 64.2357,
72.2371

■ 45.1568, 56.4070,
71.4594

■ 65.2461, 67.6391,
72.5686

■ 41.9382, 54.5308,
71.2669

■ 72.2422, 71.4667,
72.9386

■ 39.3633, 52.9873,
71.1046

■ 77.3892, 74.3418,
73.2223

■ 37.3865, 51.7529,
70.9706

■ 77.5391, 74.6416,
73.2723

■ 35.9562, 50.8010,
70.8622

■ 77.6896, 74.9425,
73.3224

■ 35.0121, 50.1006,
70.7768

■ 77.8406, 75.2444,
73.3727

■ 34.4751, 49.6108,
70.7106

■ 77.9921, 75.5475,
73.4232

■ 34.3481, 49.4795,
70.6919

■ 78.1442, 75.8516,
73.4739

Harmonies

Analogous

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



53.4262, 61.2382, 64.4980



53.6852, 61.2382, 71.9414



55.1361, 61.2382, 78.3950

Triad

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



53.6852, 61.2382, 71.9414



62.1642, 61.2382, 76.0326



58.9781, 61.2382, 53.5666

Complementary

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



53.6852, 61.2382, 71.9414



51.2972, 49.1612, 48.3815

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.



61.3858, 61.2382, 56.1908



53.6852, 61.2382, 71.9414



63.2608, 61.2382, 68.9065

Square

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



53.6852, 61.2382, 71.9414



60.0150, 61.2382, 80.8761



62.9718, 61.2382, 61.6778



56.4319, 61.2382, 54.2471

Rectangle

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



53.6852, 61.2382, 71.9414



56.6083, 61.2382, 81.0895



62.9718, 61.2382, 61.6778



59.8316, 61.2382, 54.0839

Sweetspot

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



53.6870, 61.2407, 71.9428



90.4013, 97.4364, 108.6502



49.9225, 60.1350, 50.8864



19.2150, 20.7810, 23.2483



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.



53.6870, 61.2407, 71.9428



78.2629, 90.6795, 107.9857



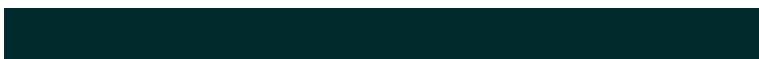
49.5237, 52.9142, 70.5550



12.7613, 14.0461, 15.9761



20.9941, 30.2501, 43.1855



1.2758, 1.8435, 2.6079

Inverse Universe

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



55.0478, 50.3452, 69.1066



80.6563, 71.5751, 102.9844



55.0272, 56.6212, 49.6248



12.9375, 12.6265, 15.6110



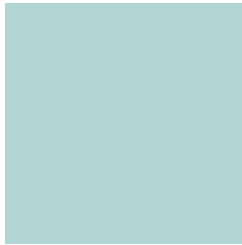
23.6557, 11.3986, 37.0867



1.4316, 0.6894, 2.2622

Previews

White Background



This preview shows how the XYZ color 53.6852, 61.2382, 71.9414 looks on a white background.

Color Contrast Check

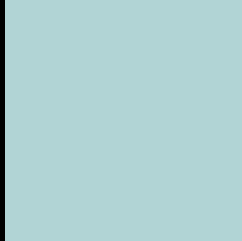
Large Text (above 18pt) WCAG AA × Fail

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 53.6852, 61.2382, 71.9414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

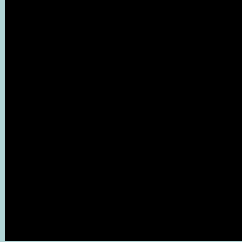
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6852, 61.2382, 71.9414

Background



This preview shows how black text looks on a background with the XYZ color 53.6852, 61.2382, 71.9414.



This preview shows how white text looks on a background with the XYZ color 53.6852, 61.2382,

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

53.6852, 61.2382, 71.9414

Protanopia

58.7102, 61.0052, 68.3553

Deuteranopia

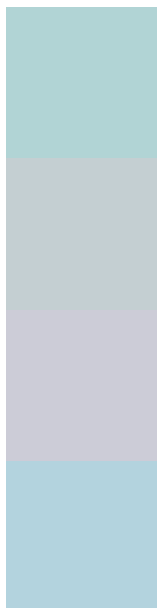
62.3333, 61.0204, 73.4585



Tritanopia

55.7341, 61.3425, 81.5758

Trichromacy



Original Color

53.6852, 61.2382, 71.9414

Protanomaly

56.7106, 61.0146, 69.7608

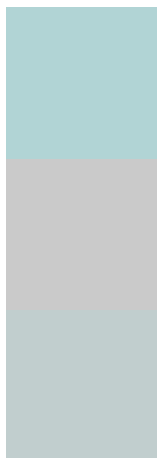
Deuteranomaly

58.7604, 60.9294, 72.9535

Tritanomaly

55.0695, 61.4462, 78.0651

Monochromacy



Original Color

53.6852, 61.2382, 71.9414

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.2042, 59.9363, 67.0518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6852, 61.2382, 71.9414 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(177, 212, 213)` looks like.

```
.text, #text, p{  
    color:rgb(177, 212, 213)  
}
```

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(177, 212, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 212, 213) }
```

Border

The CSS property to change the border of an element to XYZ 53.6852, 61.2382, 71.9414 is called "border". The border property can be set on classes, ids or directly on the HTML element.

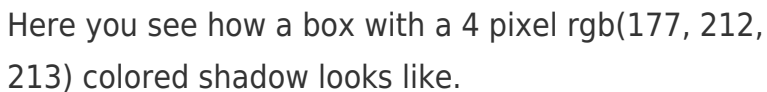
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 212, 213) }
```


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

```
.border{ border-color:rgb(177, 212, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 212, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 212, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 212, 213); box-shadow:4px 4px 4px 4px rgb(177, 212, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6852, 61.2382, 71.9414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 212, 213) }
```

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

```
.background{ background-color: rgb(177,  
212, 213) }
```

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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