

Converting Colors

XYZ(51.8594, 60.6805, 71.4328)

Have a look what the booklet for
XYZ(51.8594, 60.6805, 71.4328)
contains.

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Color

**XYZ(51.8264, 60.6668,
71.2657)**

Conversions

Conversions Part 1

Format	Color
Hex	A8D5D4
RGB	168, 213, 212
RGB Percent	66%, 84%, 83%
CMY	0.3412, 0.1647, 0.1686
CMYK	0.21, 0.00, 0.00, 0.16
HSL	179°, 35%, 75%
HSV	179°, 21%, 84%
XYZ	51.8264, 60.6668, 71.2657
YIQ	199.4310, -26.4990, -9.8510

Conversions

Conversions Part 2

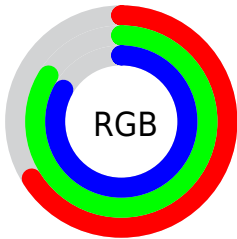
Format	Color
R _{YB}	168, 191, 213
Decimal	11064788
CIE _{Lab}	82.20, -14.79, -4.34
CIE _{LCh}	82, 15.413, 196.351
Yxy	60.6668, 0.2820, 0.3301
Android (android.graphics.Color)	4289254868 (0xFFA8D5D4)
YUV	199.4310, 6.1965, -27.5650
Hunter-Lab	77.8889, -17.5337, 0.2739

Details

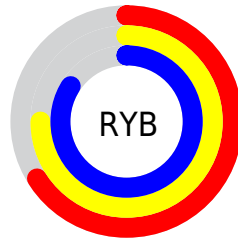
The XYZ color **51.8264, 60.6668, 71.2657** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.6068, 45.0177, 43.6661**, and the grayscale version is **54.5263, 57.3660, 62.4715**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **25.3829, 30.5329, 36.4539** is the 20% darker color. If you saturate the color by 10%, you get **47.5986, 58.4958, 70.7570**, and if you desaturate by 10%, it is **56.8006, 63.2258, 71.8128**.

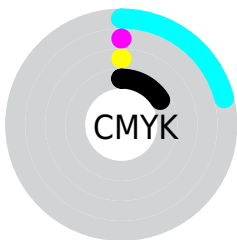
Distribution



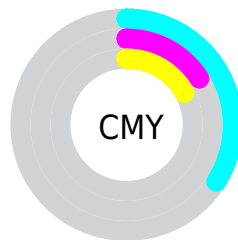
- Red (66%)
- Green (84%)
- Blue (83%)



- Red (66%)
- Yellow (75%)
- Blue (84%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (34%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8264, 60.6668, 71.2657 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 51.8264, 60.6668, 71.2657 by changing the saturation by 10% instead.

■ 51.8264, 60.6668,
71.2657

■ 51.8264, 60.6668,
71.2657

384.1010,
427.0512, 483.8904

■ 37.0904, 43.9563,
52.0759

■ 92.0509, 105.7963,
122.7100

■ 25.4515, 30.6362,
36.6829

■ 118.2702,
134.9842, 155.8015

■ 16.5443, 20.3220,
24.6682

149.0479,
169.0999, 194.3640

■ 10.0034, 12.6293,
15.6133

184.7494,
208.5280, 238.8161

■ 5.4635, 7.1738,
9.0995

225.7402,
253.6528, 289.5762

■ 2.5592, 3.5710,
4.7085

272.3854,

■ 0.9252, 1.4366,

304.8586, 347.0629

2.0215

325.0506,
362.5300, 411.6948

■ 0.0000, 0.2435,
0.5685

■ 0.0000, 0.0000,
0.0000

■ 51.8264, 60.6668,
71.2657

■ 51.8264, 60.6668,
71.2657

■ 47.5986, 58.4958,
70.7570

■ 56.8006, 63.2258,
71.8128

■ 44.0760, 56.6867,
70.2810

■ 62.5498, 66.1826,
72.3958

■ 41.2210, 55.2217,
69.8371

■ 69.1071, 69.5561,
73.0176

■ 38.9908, 54.0789,
69.4234

■ 76.5025, 73.3616,
73.6794

■ 37.3373, 53.2333,
69.0375

■ 77.2208, 73.7248,
74.0298

■ 36.2059, 52.6568,
68.6771

■ 77.2817, 73.7492,
74.3502

■ 35.5309, 52.3156,
68.3389

■ 77.3427, 73.7736,
74.6717

■ 35.2123, 52.1574,
68.0527

■ 77.4039, 73.7981,
74.9940

■ 77.4653, 73.8226,
75.3173

Harmonies

Analogous

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



51.7548, 60.6668, 61.8896



51.8264, 60.6668, 71.2657



53.4225, 60.6668, 79.9880

Triad

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



51.8264, 60.6668, 71.2657



62.3410, 60.6668, 79.3066



59.1612, 60.6668, 50.0303

Complementary

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



51.8264, 60.6668, 71.2657



48.6068, 45.0177, 43.6661

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.



62.1200, 60.6668, 53.8434



51.8264, 60.6668, 71.2657



64.0023, 60.6668, 70.4050

Square

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



51.8264, 60.6668, 71.2657



59.4535, 60.6668, 84.9224



63.9199, 60.6668, 61.1063



55.9068, 60.6668, 50.2135

Rectangle

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



51.8264, 60.6668, 71.2657



55.1719, 60.6668, 83.9972



63.9199, 60.6668, 61.1063



60.2258, 60.6668, 50.8705

Sweetspot

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



51.8282, 60.6693, 71.2671



89.5886, 97.1909, 108.3582



47.3337, 58.9086, 45.9228



19.0541, 20.7403, 23.1808



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.



51.8282, 60.6693, 71.2671



75.1309, 89.7577, 106.7784



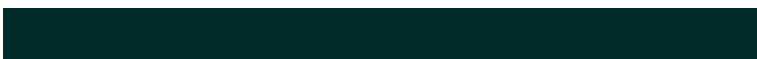
47.0102, 50.8302, 70.2871



12.7797, 14.1029, 15.9203



21.5136, 31.8608, 41.5960



1.3015, 1.9232, 2.5293

Inverse Universe

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



48.6068, 45.0177, 43.6661



69.5143, 62.4663, 58.6529



52.7082, 53.3706, 44.5706



12.4344, 12.4252, 12.9616



16.7828, 8.6494, 0.8943



1.0163, 0.5233, 0.0752

Previews

White Background



This preview shows how the XYZ color 51.8264, 60.6668, 71.2657 looks on a white background.

Color Contrast Check

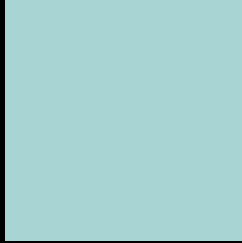
Large Text (above 18pt) WCAG AA × Fail

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 51.8264, 60.6668, 71.2657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

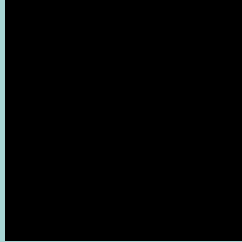
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8264, 60.6668, 71.2657

Background



This preview shows how black text looks on a background with the XYZ color 51.8264, 60.6668, 71.2657.

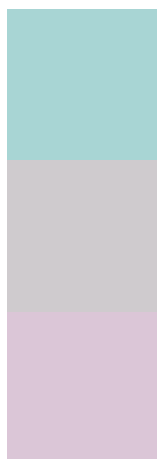


This preview shows how white text looks on a background with the XYZ color 51.8264, 60.6668,

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

51.8264, 60.6668, 71.2657

Protanopia

58.2286, 60.4335, 66.9884

Deuteranopia

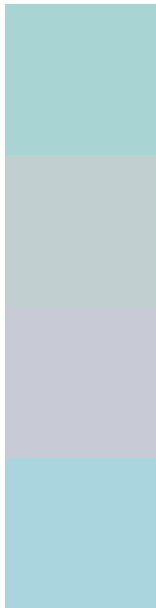
61.6732, 60.3545, 72.6890



Tritanopia

53.9540, 60.7925, 81.5635

Trichromacy



Original Color

51.8264, 60.6668, 71.2657

Protanomaly

55.6903, 60.5172, 68.4203

Deuteranomaly

57.3130, 59.8463, 72.1491

Tritanomaly

53.3059, 60.9069, 78.0539

Monochromacy



Original Color

51.8264, 60.6668, 71.2657

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.2310, 58.2367, 65.5620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8264, 60.6668, 71.2657 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(168, 213, 212)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 213, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 213, 212) }
```

Border

The CSS property to change the border of an element to XYZ 51.8264, 60.6668, 71.2657 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(168, 213, 212) }
```


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

```
.border{ border-color:rgb(168, 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(168, 213, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 213, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 213, 212);  
box-shadow:4px 4px 4px 4px rgb(168, 213,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8264, 60.6668, 71.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 213, 212) }
```

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

```
.background{ background-color: rgb(168,  
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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