

Converting Colors

XYZ(56.2147, 64.7219, 77.1145)

Have a look what the booklet for
XYZ(56.2147, 64.7219, 77.1145)
contains.

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Color

**XYZ(56.1211, 64.6572,
77.2323)**

Conversions

Conversions Part 1

Format	Color
Hex	B1DADC
RGB	177, 218, 220
RGB Percent	69%, 85%, 86%
CMY	0.3059, 0.1451, 0.1372
CMYK	0.20, 0.01, 0.00, 0.14
HSL	183°, 38%, 78%
HSV	183°, 20%, 86%
XYZ	56.1211, 64.6572, 77.2323
YIQ	205.9690, -25.0780, -8.0700

Conversions

Conversions Part 2

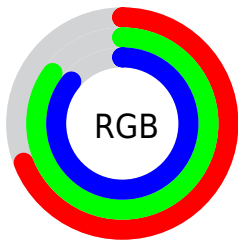
Format	Color
R _Y B	177, 198, 220
Decimal	11655900
CIE Lab	84.31, -12.89, -5.42
CIE LCh	84, 13.983, 202.817
Yxy	64.6572, 0.2834, 0.3265
Android (android.graphics.Color)	4289845980 (0xFFB1DADC)
YUV	205.9690, 6.9173, -25.4058
Hunter-Lab	80.4097, -16.1348, -0.6604

Details

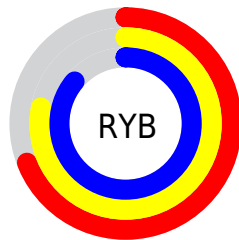
The XYZ color **56.1211, 64.6572, 77.2323** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.5716, 50.6302, 48.5452**, and the grayscale version is **58.6165, 61.6691, 67.1577**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **28.2009, 33.1961, 40.5184** is the 20% darker color. If you saturate the color by 10%, you get **51.2448, 61.7529, 76.9298**, and if you desaturate by 10%, it is **61.8106, 67.9865, 77.5761**.

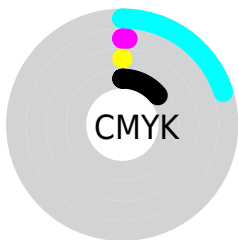
Distribution



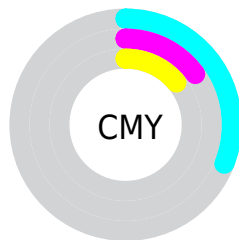
- Red (69%)
- Green (85%)
- Blue (86%)



- Red (69%)
- Yellow (78%)
- Blue (86%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (31%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1211, 64.6572, 77.2323 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 56.1211, 64.6572, 77.2323 by changing the saturation by 10% instead.

■ 56.1211, 64.6572,
77.2323

■ 56.1211, 64.6572,
77.2323

400.2153,
441.5591, 505.0144

■ 40.5374, 47.1832,
56.9309

■ 98.3204, 111.5569,
131.2433

■ 28.1439, 33.1805,
40.5407

125.6667,
141.7513, 165.7900

■ 18.5752, 22.2647,
27.6434

157.6646,
176.9547, 205.9222

■ 11.4659, 14.0516,
17.8203

194.6795,
217.5513, 252.0584

■ 6.4507, 8.1565,
10.6530

237.0766,
263.9257, 304.6172

■ 3.1643, 4.1953,
5.7228

285.2214,

■ 1.2412, 1.7834,

316.4622, 364.0171

2.6112

339.4792,
375.5452, 430.6766

■ 0.1385, 0.4768,
0.8982

■ 0.0000, 0.0000,
0.0000

■ 56.1211, 64.6572,
77.2323

■ 56.1211, 64.6572,
77.2323

■ 51.2448, 61.7529,
76.9298

■ 61.8106, 67.9865,
77.5761

■ 47.1375, 59.2458,
76.6623

■ 68.3438, 71.7515,
77.9585

■ 43.7592, 57.1169,
76.4295

■ 75.7564, 75.9723,
78.3825

■ 41.0641, 55.3426,
76.2290

■ 80.3040, 78.7186,
78.6729

■ 39.0013, 53.8967,
76.0587

■ 80.5764, 79.2633,
78.7637

■ 37.5126, 52.7492,
75.9156

■ 80.8504, 79.8113,
78.8550

■ 36.5293, 51.8646,
75.7967

■ 81.1261, 80.3626,
78.9469

■ 35.9357, 51.1832,
75.6965

■ 81.4034, 80.9173,
79.0393

■ 35.9117, 51.1538,
75.6921

■ 81.6824, 81.4752,
79.1323

Harmonies

Analogous

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



55.7269, 64.6572, 68.2871



56.1211, 64.6572, 77.2323



57.9212, 64.6572, 84.9003

Triad

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



56.1211, 64.6572, 77.2323



66.3285, 64.6572, 81.2332



62.2033, 64.6572, 54.7815

Complementary

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



56.1211, 64.6572, 77.2323



53.5716, 50.6302, 48.5452

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.



65.1291, 64.6572, 57.6537



56.1211, 64.6572, 77.2323



67.5622, 64.6572, 72.5575

Square

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



56.1211, 64.6572, 77.2323



63.7960, 64.6572, 87.3425



67.1160, 64.6572, 63.9843



59.1715, 64.6572, 55.8049

Rectangle

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



56.1211, 64.6572, 77.2323



59.7101, 64.6572, 88.0069



67.1160, 64.6572, 63.9843



63.2331, 64.6572, 55.3147

Sweetspot

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



56.1230, 64.6599, 77.2338



89.4171, 96.7603, 108.5716



51.8053, 63.7664, 51.9269



19.0134, 20.6381, 23.2314



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.



56.1230, 64.6599, 77.2338



75.8033, 88.7971, 107.7520



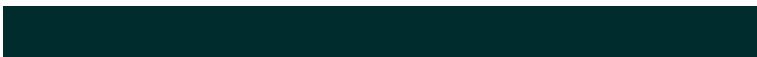
51.0323, 54.4784, 75.5369



13.3904, 14.7205, 16.7877



21.0993, 30.0681, 44.4301



1.3832, 1.9806, 2.8838

Inverse Universe

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



57.8937, 51.7232, 73.2649



78.6735, 67.9437, 101.2929



58.0909, 59.6688, 50.0517



13.5869, 13.2639, 16.3518



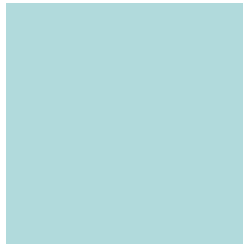
24.1453, 11.6592, 36.7408



1.5725, 0.7586, 2.4236

Previews

White Background



This preview shows how the XYZ color 56.1211, 64.6572, 77.2323 looks on a white background.

Color Contrast Check

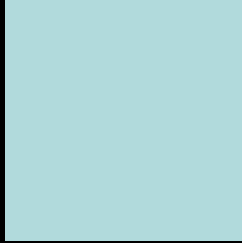
Large Text (above 18pt) WCAG AA × Fail

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 56.1211, 64.6572, 77.2323 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 56.1211, 64.6572, 77.2323

Background



This preview shows how black text looks on a background with the XYZ color 56.1211, 64.6572, 77.2323.

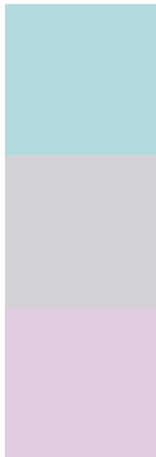


This preview shows how white text looks on a background with the XYZ color 56.1211, 64.6572,

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

56.1211, 64.6572, 77.2323

Protanopia

62.0894, 64.4530, 72.7865

Deuteranopia

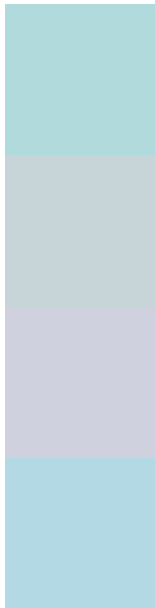
65.6526, 64.3607, 78.7746



Tritanopia

58.0862, 64.6982, 86.5173

Trichromacy



Original Color

56.1211, 64.6572, 77.2323

Protanomaly

59.4913, 64.1869, 74.2195

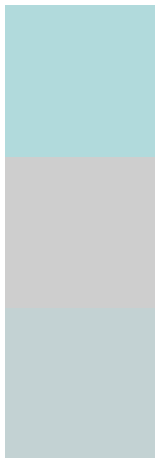
Deuteranomaly

61.7174, 64.1403, 78.2347

Tritanomaly

57.4069, 64.8109, 82.8829

Monochromacy



Original Color

56.1211, 64.6572, 77.2323

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.3101, 62.3984, 70.6516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1211, 64.6572, 77.2323 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, 218, 220)` looks like.

```
.text, #text, p{  
    color:rgb(177, 218, 220)  
}
```

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, 218, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 218, 220) }
```

Border

The CSS property to change the border of an element to XYZ 56.1211, 64.6572, 77.2323 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, 218, 220) }
```


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

```
.border{ border-color:rgb(177, 218, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 218, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 218, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 218, 220);  
box-shadow:4px 4px 4px 4px rgb(177, 218,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1211, 64.6572, 77.2323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 218, 220) }
```

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

```
.background{ background-color: rgb(177,  
218, 220) }
```

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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