

Converting Colors

XYZ(55.8142, 65.4100, 76.8031)

Have a look what the booklet for
XYZ(55.8142, 65.4100, 76.8031)
contains.

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Color

**XYZ(55.6130, 65.1851,
76.6687)**

Conversions

Conversions Part 1

Format	Color
Hex	ADDCDB
RGB	173, 220, 219
RGB Percent	68%, 86%, 86%
CMY	0.3216, 0.1372, 0.1412
CMYK	0.21, 0.00, 0.00, 0.14
HSL	179°, 40%, 77%
HSV	179°, 21%, 86%
XYZ	55.6130, 65.1851, 76.6687
YIQ	205.8330, -27.6910, -10.2750

Conversions

Conversions Part 2

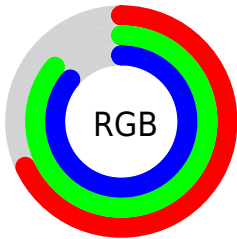
Format	Color
R _{YB}	173, 197, 220
Decimal	11394267
CIE Lab	84.58, -15.33, -4.52
CIE LCh	85, 15.983, 196.419
Yxy	65.1851, 0.2816, 0.3301
Android (android.graphics.Color)	4289584347 (0xFFADDADB)
YUV	205.8330, 6.4913, -28.7945
Hunter-Lab	80.7373, -18.3369, 0.2139

Details

The XYZ color **55.6130, 65.1851, 76.6687** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.1011, 48.1607, 46.5971**, and the grayscale version is **58.5334, 61.5817, 67.0625**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **27.7637, 33.5125, 40.1272** is the 20% darker color. If you saturate the color by 10%, you get **51.0819, 62.8581, 76.1359**, and if you desaturate by 10%, it is **60.9491, 67.9305, 77.2429**.

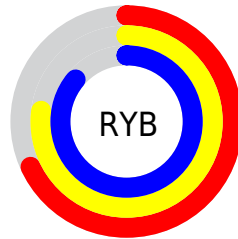
Distribution



Red (68%)

Green (86%)

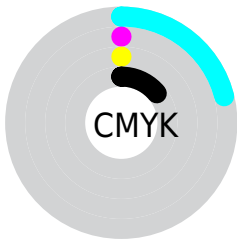
Blue (86%)



Red (68%)

Yellow (77%)

Blue (86%)

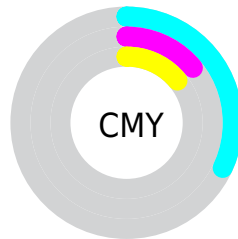


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (14%)



Cyan (32%)

Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6130, 65.1851, 76.6687 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 55.6130, 65.1851, 76.6687 by changing the saturation by 10% instead.

■ 55.6130, 65.1851,
76.6687

■ 55.6130, 65.1851,
76.6687

398.3301,
443.4568, 503.0413

■ 40.1285, 47.6112,
56.4711

■ 97.5816, 112.3159,
130.4404

■ 27.8234, 33.5191,
40.1742

124.7964,
142.6416, 164.8516

■ 18.3324, 22.5244,
27.3596

156.6521,
177.9867, 204.8378

■ 11.2900, 14.2427,
17.6086

193.5139,
218.7356, 250.8174

■ 6.3310, 8.2897,
10.5029

235.7473,
265.2727, 303.2090

■ 3.0899, 4.2809,
5.6237

283.7175,

■ 1.2015, 1.8319,

317.9823, 362.4312

2.5526

337.7900,
377.2489, 428.9024

■ 0.1075, 0.5069,
0.8678

■ 0.0000, 0.0000,
0.0000

■ 55.6130, 65.1851,
76.6687

■ 55.6130, 65.1851,
76.6687

■ 51.0819, 62.8581,
76.1359

■ 60.9491, 67.9305,
77.2429

■ 47.3110, 60.9212,
75.6382

■ 67.1210, 71.1051,
77.8557

■ 44.2596, 59.3552,
75.1750

■ 74.1649, 74.7291,
78.5102

■ 41.8813, 58.1362,
74.7443

■ 79.8694, 77.6627,
79.1030

40.1238, 57.2372,
74.3435

79.9320, 77.6877,
79.4326

38.9274, 56.6275,
73.9699

79.9947, 77.7128,
79.7632

38.2208, 56.2703,
73.6201

80.0577, 77.7380,
80.0947

37.9000, 56.1109,
73.3323

80.1208, 77.7633,
80.4271

80.1841, 77.7886,
80.7604

Harmonies

Analogous

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



55.5313, 65.1851, 66.4661



55.6130, 65.1851, 76.6687



57.3515, 65.1851, 86.1626

Triad

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



55.6130, 65.1851, 76.6687



67.0543, 65.1851, 85.3827



63.5796, 65.1851, 53.5568

Complementary

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



55.6130, 65.1851, 76.6687



52.1011, 48.1607, 46.5971

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.



66.8016, 65.1851, 57.6868



55.6130, 65.1851, 76.6687



68.8591, 65.1851, 75.6843

Square

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



55.6130, 65.1851, 76.6687



63.9137, 65.1851, 91.5141



68.7649, 65.1851, 65.5713



60.0396, 65.1851, 53.7656

Rectangle

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



55.6130, 65.1851, 76.6687



59.2554, 65.1851, 90.5244



68.7649, 65.1851, 65.5713



64.7385, 65.1851, 54.4654

Sweetspot

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



55.6149, 65.1878, 76.6702



89.5909, 97.1918, 108.3704



50.7201, 63.2701, 49.0756



19.0546, 20.7405, 23.1837



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.



55.6149, 65.1878, 76.6702



74.4950, 89.4297, 106.7536



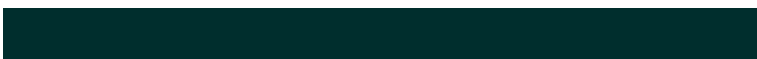
50.3631, 54.4724, 75.5729



13.4323, 14.8245, 16.7392



22.2478, 32.9317, 43.0657



1.4452, 2.1350, 2.8106

Inverse Universe

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



52.1011, 48.1607, 46.5971



68.6799, 61.2490, 56.9833



56.5605, 57.2354, 47.6030



13.0673, 13.0560, 13.6154



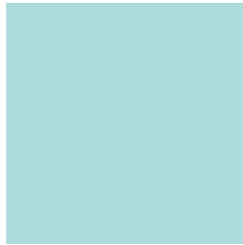
17.3424, 8.9380, 0.9174



1.1276, 0.5807, 0.0808

Previews

White Background



This preview shows how the XYZ color 55.6130, 65.1851, 76.6687 looks on a white background.

Color Contrast Check

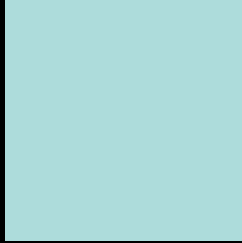
Large Text (above 18pt) WCAG AA × Fail

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 55.6130, 65.1851, 76.6687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

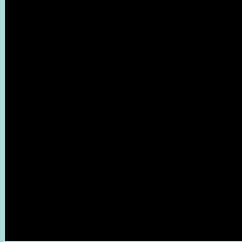
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6130, 65.1851, 76.6687

Background



This preview shows how black text looks on a background with the XYZ color 55.6130, 65.1851, 76.6687.



This preview shows how white text looks on a background with the XYZ color 55.6130, 65.1851,

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

55.6130, 65.1851, 76.6687

Protanopia

62.2513, 64.5512, 72.1294

Deuteranopia

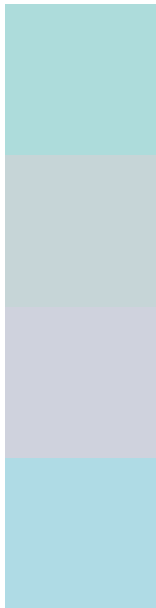
66.1417, 64.6284, 78.0957



Tritanopia

57.9713, 65.3711, 88.1597

Trichromacy



Original Color

55.6130, 65.1851, 76.6687

Protanomaly

59.3487, 64.5006, 73.6118

Deuteranomaly

61.8299, 64.5790, 77.6128

Tritanomaly

57.1536, 65.4341, 83.7465

Monochromacy



Original Color

55.6130, 65.1851, 76.6687

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.3003, 62.7610, 70.7221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6130, 65.1851, 76.6687 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(173, 220, 219)` looks like.

```
.text, #text, p{  
    color:rgb(173, 220, 219)  
}
```

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(173, 220, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 220, 219) }
```

Border

The CSS property to change the border of an element to XYZ 55.6130, 65.1851, 76.6687 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(173, 220, 219) }
```


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

```
.border{ border-color:rgb(173, 220, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 220, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 220, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 220, 219);  
box-shadow:4px 4px 4px 4px rgb(173, 220,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6130, 65.1851, 76.6687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 220, 219) }
```

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

```
.background{ background-color: rgb(173,  
220, 219) }
```

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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