

Converting Colors

XYZ(56.7375, 65.7718, 78.4541)

Have a look what the booklet for
XYZ(56.7375, 65.7718, 78.4541)
contains.

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Color

**XYZ(56.5488, 65.6370,
78.0954)**

Conversions

Conversions Part 1

Format	Color
Hex	B0DCDD
RGB	176, 220, 221
RGB Percent	69%, 86%, 87%
CMY	0.3098, 0.1372, 0.1333
CMYK	0.20, 0.00, 0.00, 0.13
HSL	181°, 40%, 78%
HSV	181°, 20%, 87%
XYZ	56.5488, 65.6370, 78.0954
YIQ	206.9580, -26.5450, -9.0170

Conversions

Conversions Part 2

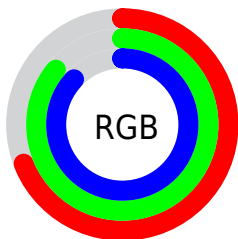
Format	Color
R _{YB}	176, 198, 221
Decimal	11590877
CIE Lab	84.81, -14.00, -5.22
CIE LCh	85, 14.938, 200.433
Yxy	65.6370, 0.2823, 0.3277
Android (android.graphics.Color)	4289780957 (0xFFB0DCDD)
YUV	206.9580, 6.9227, -27.1502
Hunter-Lab	81.0167, -17.1880, -0.4405

Details

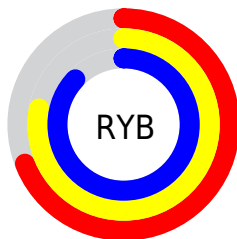
The XYZ color **56.5488, 65.6370, 78.0954** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.3779, 49.9510, 47.9035**, and the grayscale version is **59.2517, 62.3374, 67.8855**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **28.3641, 33.8010, 41.1057** is the 20% darker color. If you saturate the color by 10%, you get **51.8252, 63.0131, 77.8390**, and if you desaturate by 10%, it is **62.0901, 68.6864, 78.3930**.

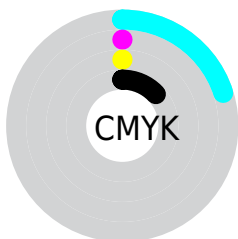
Distribution



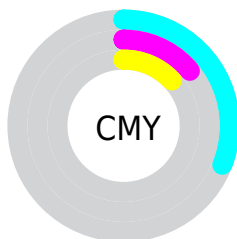
- Red (69%)
- Green (86%)
- Blue (87%)



- Red (69%)
- Yellow (78%)
- Blue (87%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (31%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5488, 65.6370, 78.0954 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 56.5488, 65.6370, 78.0954 by changing the saturation by 10% instead.

■ 56.5488, 65.6370,
78.0954

■ 56.5488, 65.6370,
78.0954

401.7980,
445.0775, 508.0273

■ 40.8818, 47.9778,
57.6354

■ 98.9417, 112.9652,
132.4717

■ 28.4140, 33.8093,
41.1029

126.3983,
143.4029, 167.2251

■ 18.7800, 22.7471,
28.0792

158.5155,
178.8690, 207.5801

■ 11.6145, 14.4069,
18.1458

195.6587,
219.7477, 253.9551

■ 6.5521, 8.4042,
10.8842

238.1932,
266.4236, 306.7689

■ 3.2274, 4.3547,
5.8758

286.4843,

■ 1.2751, 1.8739,

319.2809, 366.4398

2.7021

340.8975,
378.7041, 433.3864

■ 0.1645, 0.5326,
0.9445

■ 0.0000, 0.0000,
0.0000

■ 56.5488, 65.6370,
78.0954

■ 56.5488, 65.6370,
78.0954

■ 51.8252, 63.0131,
77.8390

■ 62.0901, 68.6864,
78.3930

■ 47.8742, 60.7863,
77.6174

■ 68.4800, 72.1721,
78.7290

■ 44.6552, 58.9375,
77.4302

■ 75.7549, 76.1146,
79.1066

■ 42.1216, 57.4425,
77.2752

■ 80.4028, 78.7035,
79.3613

■ 40.2212, 56.2746,
77.1499

■ 80.5330, 78.9639,
79.4047

■ 38.8946, 55.4030,
77.0516

■ 80.6636, 79.2251,
79.4482

■ 38.0710, 54.7913,
76.9769

■ 80.7946, 79.4870,
79.4919

■ 37.6342, 54.3862,
76.9218

■ 80.9259, 79.7497,
79.5357

■ 81.0577, 80.0132,
79.5796

Harmonies

Analogous

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



56.2540, 65.6370, 68.4483



56.5488, 65.6370, 78.0954



58.3766, 65.6370, 86.6343

Triad

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



56.5488, 65.6370, 78.0954



67.4785, 65.6370, 83.8596



63.4615, 65.6370, 54.7933

Complementary

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



56.5488, 65.6370, 78.0954



53.3779, 49.9510, 47.9035

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.



66.5749, 65.6370, 58.1830



56.5488, 65.6370, 78.0954



68.9482, 65.6370, 74.5742

Square

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



56.5488, 65.6370, 78.0954



64.6593, 65.6370, 90.1632



68.6117, 65.6370, 65.2257



60.1667, 65.6370, 55.5533

Rectangle

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



56.5488, 65.6370, 78.0954



60.2558, 65.6370, 90.2743



68.6117, 65.6370, 65.2257



64.5658, 65.6370, 55.4729

Sweetspot

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



56.5507, 65.6397, 78.0969



89.5354, 96.9967, 108.6110



51.6729, 64.1085, 51.1162



19.0415, 20.6943, 23.2407



0.0000, 0.0000, 0.0000



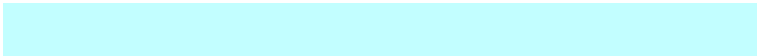
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.5507, 65.6397, 78.0969



75.5758, 89.3208, 107.8651



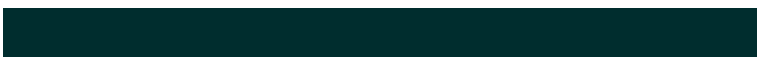
51.0937, 54.7257, 76.2779



13.4189, 14.7775, 16.7972



21.8737, 31.6168, 44.6882



1.4251, 2.0643, 2.8978

Inverse Universe

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



58.2639, 51.5914, 74.6006



78.3197, 66.8876, 102.2501



58.1373, 59.4699, 49.4900



13.6013, 13.2696, 16.4276



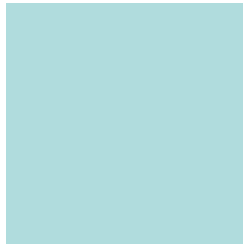
24.5361, 11.8155, 38.7989



1.5936, 0.7671, 2.5349

Previews

White Background



This preview shows how the XYZ color 56.5488, 65.6370, 78.0954 looks on a white background.

Color Contrast Check

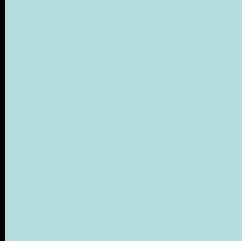
Large Text (above 18pt) WCAG AA × Fail

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 56.5488, 65.6370, 78.0954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

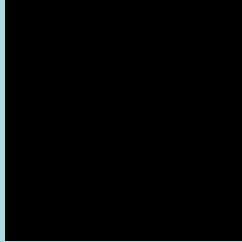
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5488, 65.6370, 78.0954

Background



This preview shows how black text looks on a background with the XYZ color 56.5488, 65.6370, 78.0954.



This preview shows how white text looks on a background with the XYZ color 56.5488, 65.6370,

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

56.5488, 65.6370, 78.0954

Protanopia

63.0439, 65.2956, 73.5705

Deuteranopia

66.6499, 65.2132, 79.5956



Tritanopia

58.6572, 65.7247, 88.1918

Trichromacy



Original Color

56.5488, 65.6370, 78.0954

Protanomaly

60.3904, 65.3822, 75.0828

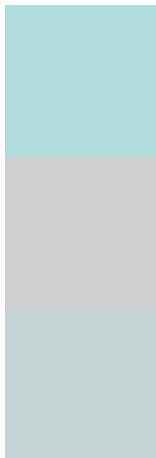
Deuteranomaly

62.3783, 64.8308, 79.0379

Tritanomaly

57.9745, 65.8412, 84.5159

Monochromacy



Original Color

56.5488, 65.6370, 78.0954

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.1921, 63.5762, 71.4917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5488, 65.6370, 78.0954 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(176, 220, 221)` looks like.

```
.text, #text, p{  
    color:rgb(176, 220, 221)  
}
```

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(176, 220, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 220, 221) }
```

Border

The CSS property to change the border of an element to XYZ 56.5488, 65.6370, 78.0954 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(176, 220, 221) }
```


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

```
.border{ border-color:rgb(176, 220, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 220, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 220, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 220, 221);  
box-shadow:4px 4px 4px 4px rgb(176, 220,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5488, 65.6370, 78.0954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 220, 221) }
```

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

```
.background{ background-color: rgb(176,  
220, 221) }
```

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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