

Converting Colors

XYZ(56.6600, 67.3006, 77.1618)

Have a look what the booklet for
XYZ(56.6600, 67.3006, 77.1618)
contains.

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Color

**XYZ(56.6754, 67.3100,
77.0229)**

Conversions

Conversions Part 1

Format	Color
Hex	ADE0DB
RGB	173, 224, 219
RGB Percent	68%, 88%, 86%
CMY	0.3216, 0.1216, 0.1412
CMYK	0.23, 0.00, 0.02, 0.12
HSL	174°, 45%, 78%
HSV	174°, 23%, 88%
XYZ	56.6754, 67.3100, 77.0229
YIQ	208.1810, -28.7910, -12.3670

Conversions

Conversions Part 2

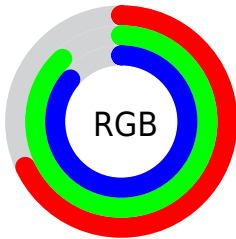
Format	Color
R _{YB}	173, 200, 224
Decimal	11395291
CIE Lab	85.66, -17.35, -2.93
CIE LCh	86, 17.591, 189.579
Yxy	67.3100, 0.2820, 0.3349
Android (android.graphics.Color)	4289585371 (0xFFADEF0DB)
YUV	208.1810, 5.3338, -30.8537
Hunter-Lab	82.0427, -20.2662, 1.7675

Details

The XYZ color **56.6754, 67.3100, 77.0229** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.7223, 48.9506, 48.7391**, and the grayscale version is **60.0530, 63.1804, 68.8035**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **28.4966, 34.9782, 40.3715** is the 20% darker color. If you saturate the color by 10%, you get **51.8445, 64.8546, 75.2980**, and if you desaturate by 10%, it is **62.3444, 70.2006, 78.8098**.

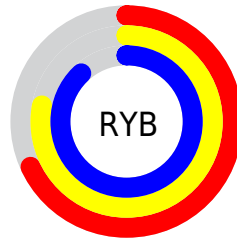
Distribution



Red (68%)

Green (88%)

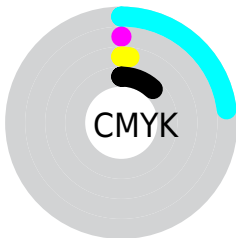
Blue (86%)



Red (68%)

Yellow (78%)

Blue (88%)

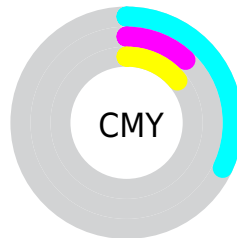


Cyan (23%)

Magenta (0%)

Yellow (2%)

Black (12%)



Cyan (32%)

Magenta (12%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6754, 67.3100, 77.0229 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 56.6754, 67.3100, 77.0229 by changing the saturation by 10% instead.

■ 56.6754, 67.3100,
77.0229

■ 56.6754, 67.3100,
77.0229

402.2657,
451.0474, 504.2818

■ 40.9838, 49.3366,
56.7600

■ 99.1255, 115.3645,
130.9451

■ 28.4940, 34.8866,
40.4045

126.6147,
146.2144, 165.4415

■ 18.8408, 23.5755,
27.5379

158.7672,
182.1252, 205.5195

■ 11.6586, 15.0190,
17.7416

195.9483,
223.4814, 251.5975

■ 6.5822, 8.8327,
10.5971

238.5233,
270.6673, 304.0943

■ 3.2462, 4.6322,
5.6859

286.8577,

■ 1.2853, 2.0331,

324.0673, 363.4282

2.5893

341.3167,
384.0659, 430.0179

■ 0.1721, 0.6266,
0.8869

■ 0.0000, 0.0000,
0.0000

■ 56.6754, 67.3100,
77.0229

■ 56.6754, 67.3100,
77.0229

■ 51.8445, 64.8546,
75.2980

■ 62.3444, 70.2006,
78.8098

■ 47.8046, 62.8046,
73.6286

■ 68.8842, 73.5379,
80.6560

■ 44.5125, 61.1399,
72.0139

■ 76.3329, 77.3433,
82.5649

■ 41.9189, 59.8347,
70.4517

■ 81.8714, 80.1635,
84.4045

■ 39.9684, 58.8606,
68.9391

■ 82.1781, 80.2862,
86.0195

■ 38.5970, 58.1846,
67.4732

■ 82.4887, 80.4104,
87.6550

■ 37.7276, 57.7671,
66.0503

■ 82.8031, 80.5362,
89.3111

■ 37.3213, 57.5795,
65.0438

■ 83.1215, 80.6636,
90.9878

■ 83.4439, 80.7925,
92.6852

Harmonies

Analogous

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



57.0237, 67.3100, 65.8564



56.6754, 67.3100, 77.0229



58.2194, 67.3100, 88.2668

Triad

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



56.6754, 67.3100, 77.0229



69.0119, 67.3100, 91.6462



66.7023, 67.3100, 54.4935

Complementary

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



56.6754, 67.3100, 77.0229



53.7223, 48.9506, 48.7391

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.



70.1003, 67.3100, 60.1095



56.6754, 67.3100, 77.0229



71.4719, 67.3100, 81.2611

Square

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



56.6754, 67.3100, 77.0229



65.2669, 67.3100, 97.2722



71.8784, 67.3100, 69.6781



62.7025, 67.3100, 53.6127

Rectangle

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



56.6754, 67.3100, 77.0229



60.1535, 67.3100, 94.0120



71.8784, 67.3100, 69.6781



67.9574, 67.3100, 55.8600

Sweetspot

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



56.6773, 67.3128, 77.0244



88.5045, 96.6581, 107.1289



52.5835, 65.8080, 49.4671



18.8288, 20.6302, 22.8977



0.0000, 0.0000, 0.0000



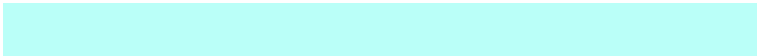
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6773, 67.3128, 77.0244



73.0277, 88.7705, 102.2931



52.1880, 57.2641, 78.8266



14.0556, 15.5480, 17.3279



21.7468, 33.5236, 37.9851



1.5244, 2.3305, 2.7227

Inverse Universe

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



53.7223, 48.9506, 48.7391



68.4454, 60.2870, 58.4247



57.4441, 57.1837, 47.5463



13.7616, 13.7223, 14.5147



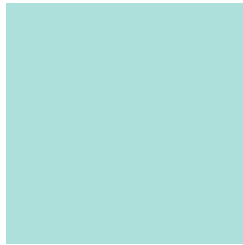
17.9964, 9.2656, 1.3809



1.2663, 0.6498, 0.1952

Previews

White Background



This preview shows how the XYZ color 56.6754, 67.3100, 77.0229 looks on a white background.

Color Contrast Check

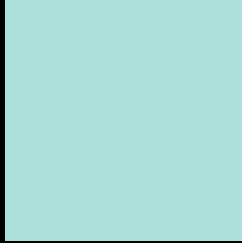
Large Text (above 18pt) WCAG AA × Fail

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 56.6754, 67.3100, 77.0229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

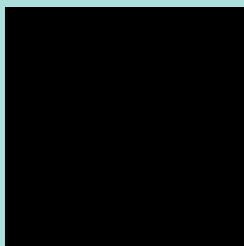
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

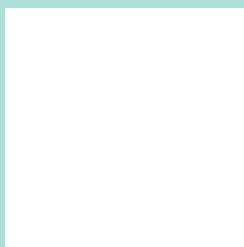
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6754, 67.3100, 77.0229

Background



This preview shows how black text looks on a background with the XYZ color 56.6754, 67.3100, 77.0229.



This preview shows how white text looks on a background with the XYZ color 56.6754, 67.3100,

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

56.6754, 67.3100, 77.0229

Protanopia

64.0424, 66.5921, 71.7655

Deuteranopia

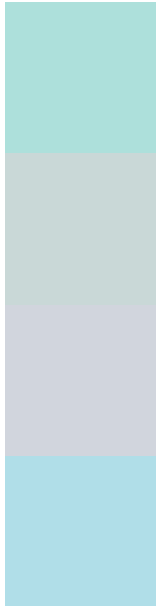
68.1308, 66.7226, 78.3951



Tritanopia

59.5679, 67.2920, 91.5104

Trichromacy



Original Color

56.6754, 67.3100, 77.0229

Protanomaly

60.9090, 66.4355, 73.9031

Deuteranomaly

63.1399, 66.3643, 77.8884

Tritanomaly

58.5913, 67.2989, 86.2458

Monochromacy



Original Color

56.6754, 67.3100, 77.0229

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.4359, 64.4487, 71.6473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6754, 67.3100, 77.0229 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, 224, 219)` looks like.

```
.text, #text, p{  
    color:rgb(173, 224, 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, 224, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 224, 219) }
```

Border

The CSS property to change the border of an element to XYZ 56.6754, 67.3100, 77.0229 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, 224, 219) }
```


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

```
.border{ border-color:rgb(173, 224, 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, 224, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 224, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 224, 219);  
box-shadow:4px 4px 4px 4px rgb(173, 224,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6754, 67.3100, 77.0229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 224, 219) }
```

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

```
.background{ background-color: rgb(173,  
224, 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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