

Converting Colors

XYZ(57.8687, 67.6602, 82.8441)

Have a look what the booklet for
XYZ(57.8687, 67.6602, 82.8441)
contains.

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Color

**XYZ(57.9763, 67.8560,
82.7149)**

Conversions

Conversions Part 1

Format	Color
Hex	AEE0E3
RGB	174, 224, 227
RGB Percent	68%, 88%, 89%
CMY	0.3176, 0.1216, 0.1098
CMYK	0.23, 0.01, 0.00, 0.11
HSL	183°, 49%, 79%
HSV	183°, 23%, 89%
XYZ	57.9763, 67.8560, 82.7149
YIQ	209.3920, -30.7630, -9.6670

Conversions

Conversions Part 2

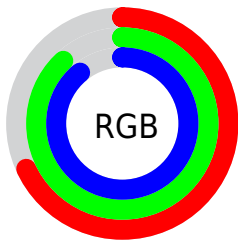
Format	Color
RYB	174, 200, 227
Decimal	11460835
CIELab	85.93, -15.33, -6.74
CIElCh	86, 16.748, 203.732
Yxy	67.8560, 0.2780, 0.3254
Android (android.graphics.Color)	4289650915 (0xFFAEE0E3)
YUV	209.3920, 8.6807, -31.0388
Hunter-Lab	82.3748, -18.5255, -1.8725

Details

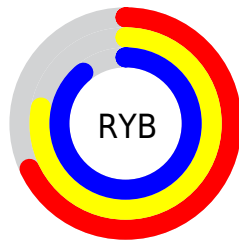
The XYZ color **57.9763, 67.8560, 82.7149** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.0413, 50.8314, 46.9561**, and the grayscale version is **60.8213, 63.9888, 69.6837**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **29.3801, 35.3476, 44.3040** is the 20% darker color. If you saturate the color by 10%, you get **52.9971, 64.7806, 82.3848**, and if you desaturate by 10%, it is **63.8167, 71.3827, 83.0889**.

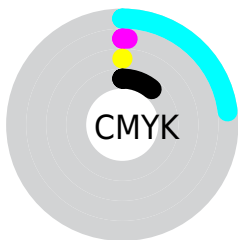
Distribution



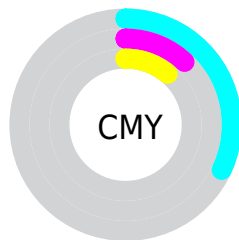
- Red (68%)
- Green (88%)
- Blue (89%)



- Red (68%)
- Yellow (78%)
- Blue (89%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (32%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9763, 67.8560, 82.7149 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 57.9763, 67.8560, 82.7149 by changing the saturation by 10% instead.

■ 57.9763, 67.8560,
82.7149

■ 57.9763, 67.8560,
82.7149

407.0529,
452.9856, 523.9820

■ 42.0328, 49.7806,
61.4157

■ 101.0115,
116.1461, 139.0217

■ 29.3182, 35.2391,
44.1280

128.8339,
147.1296, 174.8665

■ 19.4671, 23.8471,
30.4332

161.3467,
183.1846, 216.3969

■ 12.1143, 15.2202,
19.9128

198.9151,
224.6955, 264.0314

■ 6.8943, 8.9741,
12.1482

241.9046,
272.0466, 318.1887

■ 3.4418, 4.7243,
6.7210

290.6805,

■ 1.3915, 2.0864,

325.6224, 379.2871

3.2124

345.6081,
385.8073, 447.7454

■ 0.2502, 0.6570,
1.2041

■ 0.0000, 0.0000,
0.0000

■ 57.9763, 67.8560,
82.7149

■ 57.9763, 67.8560,
82.7149

■ 52.9971, 64.7806,
82.3848

■ 63.8167, 71.3827,
83.0889

■ 48.8303, 62.1261,
82.0921

■ 70.5522, 75.3730,
83.5041

■ 45.4310, 59.8712,
81.8360

■ 78.2223, 79.8490,
83.9638

■ 42.7479, 57.9893,
81.6142

■ 83.1632, 82.9219,
84.2965

■ 40.7234, 56.4507,
81.4239

■ 83.5200, 83.6355,
84.4155

■ 39.2907, 55.2211,
81.2621

■ 83.8795, 84.3544,
84.5353

■ 38.3691, 54.2587,
81.1249

■ 84.2416, 85.0786,
84.6560

■ 37.9535, 53.7225,
81.0433

■ 84.6063, 85.8080,
84.7775

■ 84.9737, 86.5428,
84.9000

Harmonies

Analogous

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



57.4381, 67.8560, 71.6016



57.9763, 67.8560, 82.7149



60.2298, 67.8560, 92.2559

Triad

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



57.9763, 67.8560, 82.7149



70.6262, 67.8560, 87.0964



65.3036, 67.8560, 54.8136

Complementary

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



57.9763, 67.8560, 82.7149



55.0413, 50.8314, 46.9561

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.



68.9572, 67.8560, 58.1284



57.9763, 67.8560, 82.7149



72.1076, 67.8560, 76.2137

Square

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



57.9763, 67.8560, 82.7149



67.5092, 67.8560, 94.9558



71.4851, 67.8560, 65.7045



61.5721, 67.8560, 56.1852

Rectangle

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



57.9763, 67.8560, 82.7149



62.4511, 67.8560, 96.0719



71.4851, 67.8560, 65.7045



66.5832, 67.8560, 55.4052

Sweetspot

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



57.9783, 67.8588, 82.7164



88.4640, 96.1280, 108.4997



52.8268, 67.0985, 51.5806



18.8194, 20.5070, 23.2163



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.



57.9783, 67.8588, 82.7164



72.2069, 86.3318, 107.4657



51.4817, 54.8657, 80.5509



14.7340, 16.1894, 18.4926



22.1638, 31.3897, 47.2738



1.6592, 2.3624, 3.5005

Inverse Universe

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



60.2707, 51.9863, 77.3819



75.7041, 62.3377, 99.2779



60.7111, 62.1709, 48.8460



14.9581, 14.6004, 17.9796



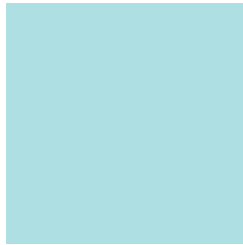
25.5808, 12.3665, 38.2829



1.9011, 0.9182, 2.8859

Previews

White Background



This preview shows how the XYZ color 57.9763, 67.8560, 82.7149 looks on a white background.

Color Contrast Check

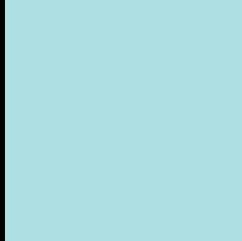
Large Text (above 18pt) WCAG AA × Fail

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 57.9763, 67.8560, 82.7149 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 57.9763, 67.8560, 82.7149

Background



This preview shows how black text looks on a background with the XYZ color 57.9763, 67.8560, 82.7149.



This preview shows how white text looks on a background with the XYZ color 57.9763, 67.8560,

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

57.9763, 67.8560, 82.7149

Protanopia

65.0314, 67.3547, 77.2834

Deuteranopia

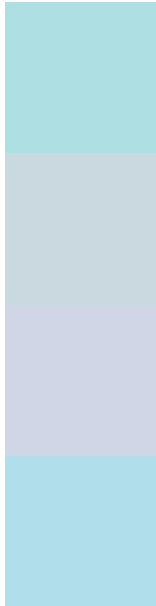
68.8337, 67.3189, 84.2288



Tritanopia

59.9809, 67.8809, 92.3791

Trichromacy



Original Color

57.9763, 67.8560, 82.7149

Protanomaly

62.2195, 67.3709, 79.5366

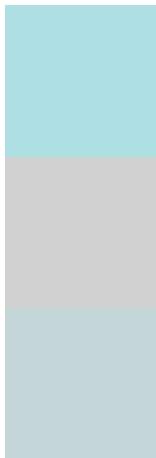
Deuteranomaly

64.2018, 67.1602, 83.7082

Tritanomaly

59.2876, 68.0036, 88.5985

Monochromacy



Original Color

57.9763, 67.8560, 82.7149

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.2062, 64.7868, 74.3503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9763, 67.8560, 82.7149 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(174, 224, 227)` looks like.

```
.text, #text, p{  
    color:rgb(174, 224, 227)  
}
```

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(174, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 224, 227) }
```

Border

The CSS property to change the border of an element to XYZ 57.9763, 67.8560, 82.7149 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(174, 224, 227) }
```


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

```
.border{ border-color:rgb(174, 224, 227) }
```

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

Here you see how a box with a 4 pixel rgb(174, 224, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 224, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 224, 227);  
box-shadow:4px 4px 4px 4px rgb(174, 224,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9763, 67.8560, 82.7149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 224, 227) }
```

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

```
.background{ background-color: rgb(174,  
224, 227) }
```

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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