

Converting Colors

XYZ(56.7987, 63.2254, 82.4634)

Have a look what the booklet for
XYZ(56.7987, 63.2254, 82.4634)
contains.

XYZ(56.8725, 63.3979, 82.6383)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.8725, 63.3979,
82.6383)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D6E4
RGB	180, 214, 228
RGB Percent	71%, 84%, 89%
CMY	0.2941, 0.1608, 0.1059
CMYK	0.21, 0.06, 0.00, 0.11
HSL	197°, 47%, 80%
HSV	197°, 21%, 89%
XYZ	56.8725, 63.3979, 82.6383
YIQ	205.4300, -24.7580, -2.8540

Conversions

Conversions Part 2

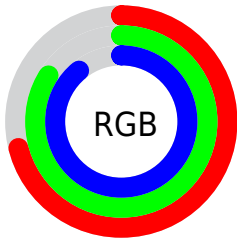
Format	Color
R_{YB}	180, 200, 228
Decimal	11851492
CIE _{Lab}	83.65, -8.20, -10.62
CIE _{LCh}	84, 13.417, 232.331
Yxy	63.3979, 0.2803, 0.3124
Android (android.graphics.Color)	4290041572 (0xFFB4D6E4)
YUV	205.4300, 11.1270, -22.3021
Hunter-Lab	79.6228, -11.8420, -5.7995

Details

The XYZ color **56.8725, 63.3979, 82.6383** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.5254, 58.3727, 51.3109**, and the grayscale version is **58.2462, 61.2796, 66.7335**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **28.5451, 32.2490, 44.2554** is the 20% darker color. If you saturate the color by 10%, you get **50.3470, 57.5882, 81.8619**, and if you desaturate by 10%, it is **64.3435, 69.8002, 83.4813**.

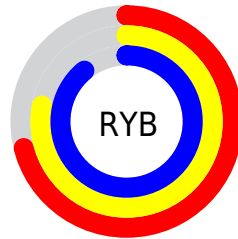
Distribution



Red (71%)

Green (84%)

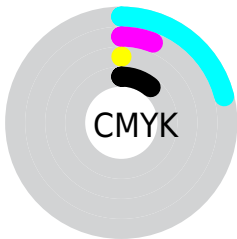
Blue (89%)



Red (71%)

Yellow (78%)

Blue (89%)

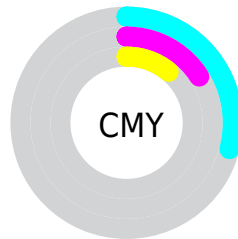


Cyan (21%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8725, 63.3979, 82.6383 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 56.8725, 63.3979, 82.6383 by changing the saturation by 10% instead.

■ 56.8725, 63.3979,
82.6383

■ 56.8725, 63.3979,
82.6383

402.9933,
437.0121, 523.7197

■ 41.1426, 46.1632,
61.3529

■ 99.4116, 109.7434,
138.9135

■ 28.6187, 32.3746,
44.0777

126.9514,
139.6229, 174.7403

■ 18.9354, 21.6478,
30.3939

159.1587,
174.4861, 216.2514

■ 11.7273, 13.5983,
19.8832

196.3987,
214.7175, 263.8653

■ 6.6292, 7.8418,
12.1269

239.0368,
260.7014, 318.0006

■ 3.2755, 3.9939,
6.7066

287.4384,

■ 1.3011, 1.6702,

312.8222, 379.0757

3.2036

341.9688,
371.4643, 447.5092

■ 0.1840, 0.4042,
1.1995

■ 0.0000, 0.0000,
0.0000

■ 56.8725, 63.3979,
82.6383

■ 56.8725, 63.3979,
82.6383

■ 50.3470, 57.5882,
81.8619

■ 64.3435, 69.8002,
83.4813

■ 44.7179, 52.3398,
81.1455

■ 72.7950, 76.8095,
84.3888

■ 39.9401, 47.6298,
80.4882

■ 82.2668, 84.4491,
85.3642

■ 35.9620, 43.4303,
79.8873

■ 86.5806, 89.5351,
86.1185

■ 32.7260, 39.7105,
79.3399

■ 88.5804, 93.5348,
86.7851

■ 30.1663, 36.4350,
78.8426

■ 90.6528, 97.6795,
87.4759

■ 28.2043, 33.5622,
78.3914

■ 91.0038, 98.3815,
87.5929

■ 26.8388, 31.2715,
78.0213

Harmonies

Analogous

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



55.1839, 63.3979, 75.3584



56.8725, 63.3979, 82.6383



59.5074, 63.3979, 86.3294

Triad

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



56.8725, 63.3979, 82.6383



66.0292, 63.3979, 71.2102



58.1376, 63.3979, 55.1249

Complementary

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



56.8725, 63.3979, 82.6383



59.5254, 58.3727, 51.3109

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.



61.0145, 63.3979, 54.2105



56.8725, 63.3979, 82.6383



65.6335, 63.3979, 63.0653

Square

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



56.8725, 63.3979, 82.6383



64.8390, 63.3979, 79.3914



63.7748, 63.3979, 57.0034



55.8976, 63.3979, 59.6110

Rectangle

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



56.8725, 63.3979, 82.6383



61.4718, 63.3979, 86.0645



63.7748, 63.3979, 57.0034



59.0599, 63.3979, 54.4052

Sweetspot

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



56.8744, 63.4005, 82.6397



88.2366, 94.3991, 108.1780



56.2596, 69.0683, 61.1712



18.7336, 20.0786, 23.1381



0.0000, 0.0000, 0.0000



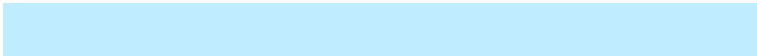
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8744, 63.4005, 82.6397



69.7124, 78.5561, 106.0964



51.3273, 52.3064, 80.7907



14.4339, 15.5891, 18.3926



15.6045, 18.2711, 45.0874



1.2323, 1.5085, 3.3582

Inverse Universe

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



60.4552, 53.9929, 70.8567



75.1254, 64.7107, 88.2005



65.2020, 69.7260, 53.2031



14.8066, 14.5398, 17.1818



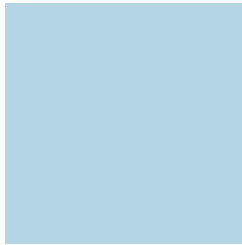
22.2699, 11.0422, 20.8482



1.6856, 0.8320, 1.7511

Previews

White Background



This preview shows how the XYZ color 56.8725, 63.3979, 82.6383 looks on a white background.

Color Contrast Check

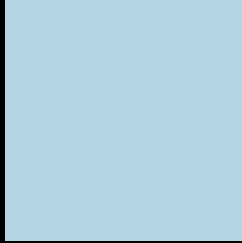
Large Text (above 18pt) WCAG AA × Fail

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 56.8725, 63.3979, 82.6383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

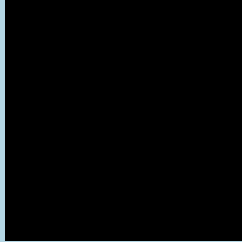
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8725, 63.3979, 82.6383

Background



This preview shows how black text looks on a background with the XYZ color 56.8725, 63.3979, 82.6383.



This preview shows how white text looks on a background with the XYZ color 56.8725, 63.3979, 82.6383.

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

56.8725, 63.3979, 82.6383

Protanopia

61.4995, 63.2729, 79.4925

Deuteranopia

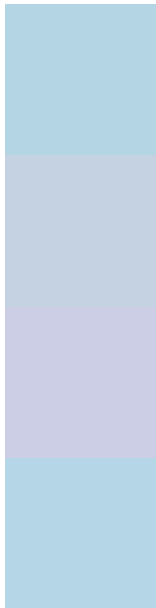
64.3169, 62.8597, 83.6062



Tritanopia

57.5264, 63.6864, 84.8620

Trichromacy



Original Color

56.8725, 63.3979, 82.6383

Protanomaly

59.6632, 63.3997, 80.3270

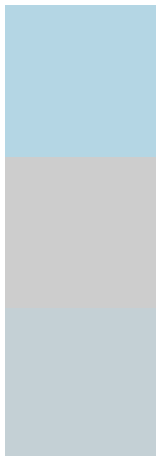
Deuteranomaly

61.1160, 62.6371, 82.9978

Tritanomaly

57.3856, 63.6301, 84.1202

Monochromacy



Original Color

56.8725, 63.3979, 82.6383

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.3311, 61.6516, 71.8291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8725, 63.3979, 82.6383 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(180, 214, 228)` looks like.

```
.text, #text, p{  
    color:rgb(180, 214, 228)  
}
```

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(180, 214, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 214, 228) }
```

Border

The CSS property to change the border of an element to XYZ 56.8725, 63.3979, 82.6383 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(180, 214, 228) }
```


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

```
.border{ border-color:rgb(180, 214, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 214, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 214, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 214, 228);  
box-shadow:4px 4px 4px 4px rgb(180, 214,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8725, 63.3979, 82.6383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 214, 228) }
```

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

```
.background{ background-color: rgb(180,  
214, 228) }
```

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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