

Converting Colors

XYZ(57.7170, 65.0160, 82.4937)

Have a look what the booklet for
XYZ(57.7170, 65.0160, 82.4937)
contains.

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Color

**XYZ(57.7340, 64.9955,
82.1755)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D9E3
RGB	181, 217, 227
RGB Percent	71%, 85%, 89%
CMY	0.2902, 0.1490, 0.1098
CMYK	0.20, 0.04, 0.00, 0.11
HSL	193°, 45%, 80%
HSV	193°, 20%, 89%
XYZ	57.7340, 64.9955, 82.1755
YIQ	207.3760, -24.6660, -4.5220

Conversions

Conversions Part 2

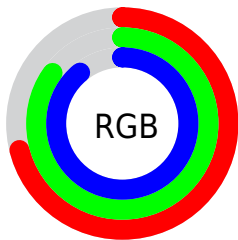
Format	Color
R_{YB}	181, 201, 227
Decimal	11917795
CIE _{Lab}	84.48, -9.66, -8.85
CIE _{LCh}	84, 13.100, 222.487
Yxy	64.9955, 0.2818, 0.3172
Android (android.graphics.Color)	4290107875 (0xFFB5D9E3)
YUV	207.3760, 9.6746, -23.1318
Hunter-Lab	80.6198, -13.2560, -4.0003

Details

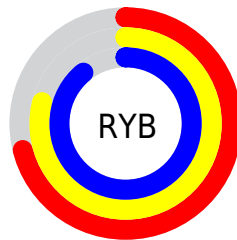
The XYZ color **57.7340, 64.9955, 82.1755** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.6504, 56.9287, 51.6144**, and the grayscale version is **59.5031, 62.6018, 68.1734**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **29.1191, 33.3312, 43.9286** is the 20% darker color. If you saturate the color by 10%, you get **51.5866, 59.9684, 81.5302**, and if you desaturate by 10%, it is **64.7905, 70.5510, 82.8770**.

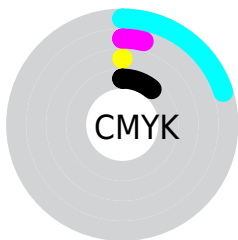
Distribution



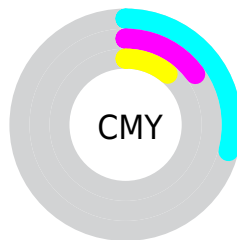
- Red (71%)
- Green (85%)
- Blue (89%)



- Red (71%)
- Yellow (79%)
- Blue (89%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7340, 64.9955, 82.1755 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 57.7340, 64.9955, 82.1755 by changing the saturation by 10% instead.

■ 57.7340, 64.9955,
82.1755

■ 57.7340, 64.9955,
82.1755

406.1639,
442.7758, 522.1334

■ 41.8373, 47.4574,
60.9736

■ 100.6606,
112.0434, 138.2590

■ 29.1644, 33.3974,
43.7734

128.4212,
142.3220, 173.9776

■ 19.3502, 22.4311,
30.1565

160.8671,
177.6162, 215.3721

■ 12.0291, 14.1740,
19.7044

198.3636,
218.3105, 262.8612

■ 6.8358, 8.2418,
11.9984

241.2763,
264.7892, 316.8633

■ 3.4051, 4.2500,
6.6201

289.9703,

■ 1.3714, 1.8144,

317.4367, 377.7971

3.1508

344.8110,
376.6375, 446.0809

■ 0.2357, 0.4961,
1.1722

■ 0.0000, 0.0000,
0.0000

■ 57.7340, 64.9955,
82.1755

■ 57.7340, 64.9955,
82.1755

■ 51.5866, 59.9684,
81.5302

■ 64.7905, 70.5510,
82.8770

■ 46.3003, 55.4395,
80.9347

■ 72.7897, 76.6478,
83.6322

■ 41.8312, 51.3873,
80.3881

■ 81.7705, 83.3081,
84.4444

■ 38.1292, 47.7855,
79.8880

■ 85.3137, 87.2230,
85.0133

■ 35.1384, 44.6048,
79.4317

■ 86.7598, 90.1150,
85.4953

■ 32.7949, 41.8118,
79.0161

■ 88.2454, 93.0863,
85.9905

■ 31.0229, 39.3668,
78.6375

■ 89.7709, 96.1374,
86.4990

■ 29.7196, 37.2546,
78.2986

■ 90.8653, 98.3261,
86.8638

Harmonies

Analogous

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



56.4633, 64.9955, 74.2972



57.7340, 64.9955, 82.1755



60.1047, 64.9955, 87.2096

Triad

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



57.7340, 64.9955, 82.1755



67.2777, 64.9955, 75.7110



60.5722, 64.9955, 56.2234

Complementary

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



57.7340, 64.9955, 82.1755



58.6504, 56.9287, 51.6144

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.



63.4786, 64.9955, 56.5366



57.7340, 64.9955, 82.1755



67.4125, 64.9955, 67.3544

Square

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



57.7340, 64.9955, 82.1755



65.6403, 64.9955, 83.2804



66.0030, 64.9955, 60.4702



58.0670, 64.9955, 59.5781

Rectangle

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



57.7340, 64.9955, 82.1755



62.0198, 64.9955, 88.0502



66.0030, 64.9955, 60.4702



61.5334, 64.9955, 55.9112

Sweetspot

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



57.7359, 64.9982, 82.1770



88.5918, 95.1096, 108.2964



55.9266, 68.5232, 59.5509



18.8177, 20.2468, 23.1662



0.0000, 0.0000, 0.0000



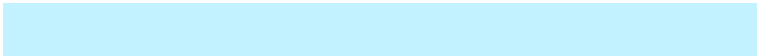
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7359, 64.9982, 82.1770



71.9096, 81.9883, 106.6430



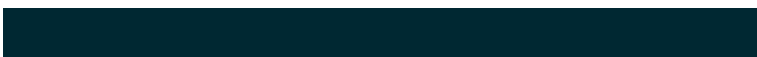
52.2216, 53.9695, 80.3389



14.5277, 15.7769, 18.4239



17.4215, 21.9050, 45.6931



1.3535, 1.7510, 3.3986

Inverse Universe

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



60.7283, 54.3898, 72.9462



76.4692, 66.1474, 92.5052



64.0583, 67.7445, 53.4171



14.8540, 14.5588, 17.4313



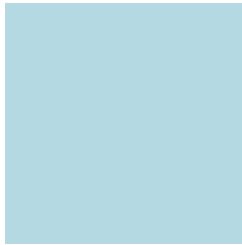
23.1871, 11.4090, 25.6777



1.7468, 0.8564, 2.0733

Previews

White Background



This preview shows how the XYZ color 57.7340, 64.9955, 82.1755 looks on a white background.

Color Contrast Check

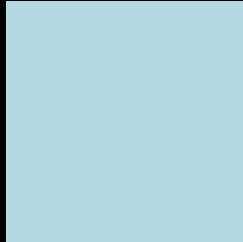
Large Text (above 18pt) WCAG AA × Fail

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 57.7340, 64.9955, 82.1755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

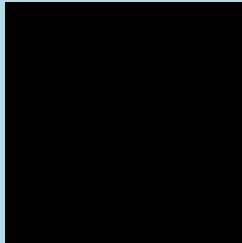
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7340, 64.9955, 82.1755

Background



This preview shows how black text looks on a background with the XYZ color 57.7340, 64.9955, 82.1755.



This preview shows how white text looks on a background with the XYZ color 57.7340, 64.9955,

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

57.7340, 64.9955, 82.1755

Protanopia

62.8492, 64.7237, 78.2877

Deuteranopia

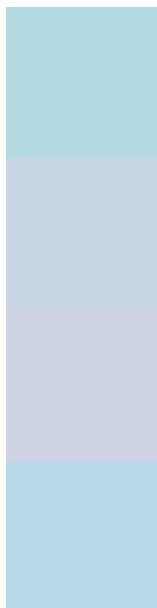
66.2385, 64.9054, 83.8998



Tritanopia

58.5553, 64.9400, 86.5393

Trichromacy



Original Color

57.7340, 64.9955, 82.1755

Protanomaly

60.8174, 64.7481, 79.8132

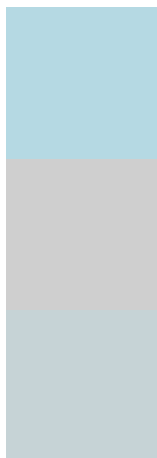
Deuteranomaly

62.6754, 64.5235, 83.2797

Tritanomaly

58.2711, 64.8263, 85.0428

Monochromacy



Original Color

57.7340, 64.9955, 82.1755

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7206, 63.4493, 72.7704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7340, 64.9955, 82.1755 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(181, 217, 227)` looks like.

```
.text, #text, p{  
    color:rgb(181, 217, 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(181, 217, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 217, 227) }
```

Border

The CSS property to change the border of an element to XYZ 57.7340, 64.9955, 82.1755 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(181, 217, 227) }
```


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

```
.border{ border-color:rgb(181, 217, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 217, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 217, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 217, 227);  
box-shadow:4px 4px 4px 4px rgb(181, 217,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7340, 64.9955, 82.1755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 217, 227) }
```

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

```
.background{ background-color: rgb(181,  
217, 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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