

Converting Colors

XYZ(53.8739, 57.2641, 87.7647)

Have a look what the booklet for
XYZ(53.8739, 57.2641, 87.7647)
contains.

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Color

**XYZ(53.9400, 57.4111,
87.5954)**

Conversions

Conversions Part 1

Format	Color
Hex	AFCAEC
RGB	175, 202, 236
RGB Percent	69%, 79%, 93%
CMY	0.3137, 0.2078, 0.0745
CMYK	0.26, 0.14, 0.00, 0.07
HSL	213°, 62%, 81%
HSV	213°, 26%, 93%
XYZ	53.9400, 57.4111, 87.5954
YIQ	197.8030, -27.0060, 4.8500

Conversions

Conversions Part 2

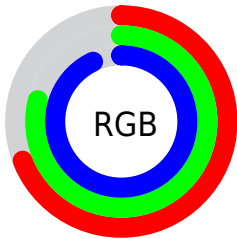
Format	Color
RYB	175, 194, 236
Decimal	11520748
CIELab	80.41, -1.60, -19.79
CIELCh	80, 19.850, 265.379
Yxy	57.4111, 0.2711, 0.2886
Android (android.graphics.Color)	4289710828 (0xFFAFCAEC)
YUV	197.8030, 18.8311, -19.9982
Hunter-Lab	75.7701, -5.5253, -15.5042

Details

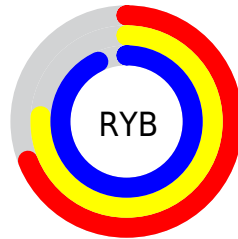
The XYZ color **53.9400, 57.4111, 87.5954** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.1311, 66.5293, 49.9675**, and the grayscale version is **53.4594, 56.2434, 61.2491**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **26.7133, 28.5400, 47.2809** is the 20% darker color. If you saturate the color by 10%, you get **46.1433, 49.0050, 86.3848**, and if you desaturate by 10%, it is **62.9290, 66.8252, 88.9397**.

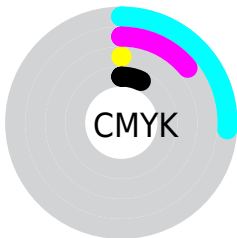
Distribution



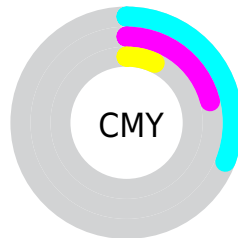
- Red (69%)
- Green (79%)
- Blue (93%)



- Red (69%)
- Yellow (76%)
- Blue (93%)



- Cyan (26%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (31%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9400, 57.4111, 87.5954 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 53.9400, 57.4111, 87.5954 by changing the saturation by 10% instead.

■ 53.9400, 57.4111,
87.5954

■ 53.9400, 57.4111,
87.5954

392.0833,
414.9880, 540.5443

■ 38.7842, 41.3354,
65.4256

■ 95.1436, 101.0648,
145.8999

■ 26.7718, 28.5812,
47.3527

121.9220,
129.4116, 182.8717

■ 17.5376, 18.7643,
32.9583

153.3053,
162.6175, 225.6146

■ 10.7162, 11.5001,
21.8236

189.6590,
201.0669, 274.5471

■ 5.9422, 6.4042,
13.5303

231.3482,
245.1443, 330.0878

■ 2.8503, 3.0924,
7.6597

278.7384,

■ 1.0751, 1.1802,

295.2340, 392.6552

3.7933

332.1950,
351.7204, 462.6679

■ 0.0041, 0.0454,
1.5127

■ 0.0000, 0.0000,
0.2273

■ 53.9400, 57.4111,
87.5954

■ 53.9400, 57.4111,
87.5954

■ 46.1433, 49.0050,
86.3848

■ 62.9290, 66.8252,
88.9397

■ 39.4789, 41.5621,
85.2994

■ 73.1559, 77.2759,
90.4179

■ 33.8893, 35.0440,
84.3359

■ 84.6704, 88.7993,
92.0352

■ 29.3091, 29.4066,
83.4891

■ 92.0187, 98.5926,
93.5382

■ 25.6655, 24.6012,
82.7536

■ 92.1405, 98.8362,
93.5788

■ 22.8739, 20.5728,
82.1232

■ 20.8316, 17.2562,
81.5907

■ 20.1379, 16.0511,
81.3946

Harmonies

Analogous

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



50.2443, 57.4111, 82.8108



53.9400, 57.4111, 87.5954



57.9882, 57.4111, 85.0060

Triad

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



53.9400, 57.4111, 87.5954



61.9418, 57.4111, 53.3952



48.3822, 57.4111, 50.6312

Complementary

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



53.9400, 57.4111, 87.5954



65.1311, 66.5293, 49.9675

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.



51.2841, 57.4111, 44.3819



53.9400, 57.4111, 87.5954



59.1318, 57.4111, 45.8333

Square

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



53.9400, 57.4111, 87.5954



62.7387, 57.4111, 64.3325



55.1999, 57.4111, 42.7405



47.1385, 57.4111, 60.7241

Rectangle

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



53.9400, 57.4111, 87.5954



60.3247, 57.4111, 79.5977



55.1999, 57.4111, 42.7405



49.1888, 57.4111, 48.0631

Sweetspot

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



53.9418, 57.4134, 87.5967



84.4185, 89.2932, 107.3937



59.1289, 73.6872, 71.1378



17.6648, 18.7012, 22.9286



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.



53.9418, 57.4134, 87.5967



59.2230, 63.0039, 103.6473



48.8432, 46.1884, 85.6988



14.7800, 15.6464, 19.1633



11.2247, 9.0964, 44.9071



0.9759, 0.9033, 3.5578

Inverse Universe

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



60.5841, 52.7586, 62.8699



68.5061, 56.9913, 68.9795



71.3223, 80.4023, 52.3190



15.3425, 15.1649, 17.0889



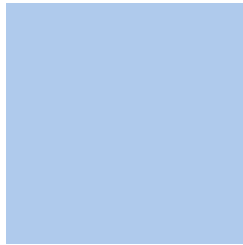
20.5210, 10.4111, 8.5450



1.6591, 0.8366, 0.9221

Previews

White Background



This preview shows how the XYZ color 53.9400, 57.4111, 87.5954 looks on a white background.

Color Contrast Check

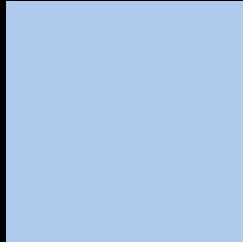
Large Text (above 18pt) WCAG AA × Fail

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 53.9400, 57.4111, 87.5954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

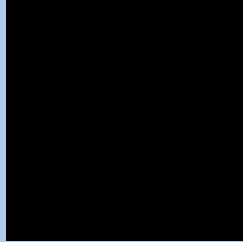
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

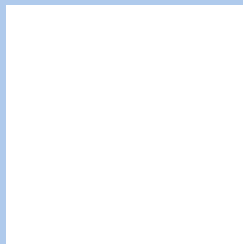
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9400, 57.4111, 87.5954

Background



This preview shows how black text looks on a background with the XYZ color 53.9400, 57.4111, 87.5954.



This preview shows how white text looks on a background with the XYZ color 53.9400, 57.4111,

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

53.9400, 57.4111, 87.5954

Protanopia

56.4125, 57.0222, 85.1239

Deuteranopia

58.7671, 57.4826, 88.8868



Tritanopia

51.8957, 57.6538, 76.7997

Trichromacy



Original Color

53.9400, 57.4111, 87.5954

Protanomaly

55.5244, 57.2265, 85.9613

Deuteranomaly

56.9660, 57.5790, 88.2322

Tritanomaly

52.5539, 57.5610, 80.2920

Monochromacy



Original Color

53.9400, 57.4111, 87.5954

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5423, 56.5475, 70.3801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9400, 57.4111, 87.5954 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(175, 202, 236)` looks like.

```
.text, #text, p{  
    color:rgb(175, 202, 236)  
}
```

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(175, 202, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 202, 236) }
```

Border

The CSS property to change the border of an element to XYZ 53.9400, 57.4111, 87.5954 is called "border". The border property can be set on classes, ids or directly on the HTML element.

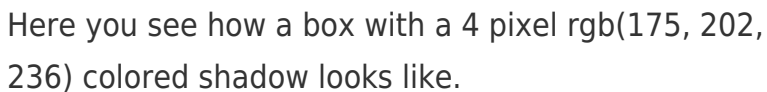
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 202, 236) }
```


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

```
.border{ border-color:rgb(175, 202, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 202, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 202, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 202, 236);  
box-shadow:4px 4px 4px 4px rgb(175, 202,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9400, 57.4111, 87.5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 202, 236) }
```

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

```
.background{ background-color: rgb(175,  
202, 236) }
```

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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