

Converting Colors

XYZ(53.8648, 57.6241, 83.1615)

Have a look what the booklet for
XYZ(53.8648, 57.6241, 83.1615)
contains.

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Color

**XYZ(53.7636, 57.4192,
83.1123)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CAE6
RGB	178, 202, 230
RGB Percent	70%, 79%, 90%
CMY	0.3019, 0.2078, 0.0980
CMYK	0.23, 0.12, 0.00, 0.10
HSL	212°, 51%, 80%
HSV	212°, 23%, 90%
XYZ	53.7636, 57.4192, 83.1123
YIQ	198.0160, -23.2920, 3.6200

Conversions

Conversions Part 2

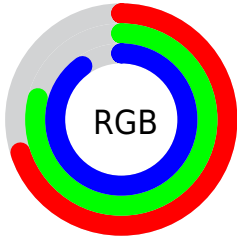
Format	Color
R _Y B	178, 194, 230
Decimal	11717350
CIE Lab	80.41, -2.07, -16.55
CIE LCh	80, 16.678, 262.869
Yxy	57.4192, 0.2767, 0.2955
Android (android.graphics.Color)	4289907430 (0xFFB2CAE6)
YUV	198.0160, 15.7681, -17.5540
Hunter-Lab	75.7755, -5.9592, -11.9878

Details

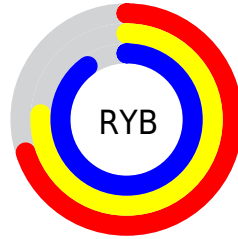
The XYZ color **53.7636, 57.4192, 83.1123** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.7411, 64.1804, 51.2022**, and the grayscale version is **53.6050, 56.3967, 61.4160**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **26.5421, 28.5209, 44.1506** is the 20% darker color. If you saturate the color by 10%, you get **46.1325, 49.3447, 81.9569**, and if you desaturate by 10%, it is **62.5162, 66.4209, 84.3894**.

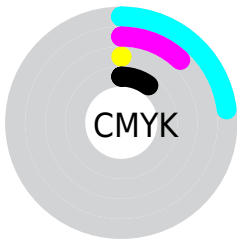
Distribution



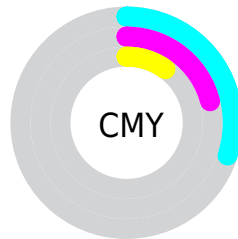
- Red (70%)
- Green (79%)
- Blue (90%)



- Red (70%)
- Yellow (76%)
- Blue (90%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7636, 57.4192, 83.1123 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 53.7636, 57.4192, 83.1123 by changing the saturation by 10% instead.

■ 53.7636, 57.4192,
83.1123

■ 53.7636, 57.4192,
83.1123

391.4210,
415.0183, 525.3415

■ 38.6426, 41.3419,
61.7417

■ 94.8860, 101.0766,
139.5834

■ 26.6613, 28.5863,
44.3895

121.6181,
129.4255, 175.5209

■ 17.4543, 18.7681,
30.6374

152.9513,
162.6337, 217.1511

■ 10.6562, 11.5028,
20.0668

189.2509,
201.0856, 264.8925

■ 5.9017, 6.4061,
12.2590

230.8824,
245.1656, 319.1638

■ 2.8255, 3.0936,
6.7957

278.2109,

■ 1.0622, 1.1808,

295.2581, 380.3833

3.2581

331.6020,
351.7475, 448.9697

■ 0.0000, 0.0459,
1.2279

■ 0.0000, 0.0000,
0.0016

■ 53.7636, 57.4192,
83.1123

■ 53.7636, 57.4192,
83.1123

■ 46.1325, 49.3447,
81.9569

■ 62.5162, 66.4209,
84.3894

■ 39.5681, 42.1567,
80.9155

■ 72.4313, 76.3744,
85.7881

■ 34.0186, 35.8217,
79.9852

■ 83.5541, 87.3122,
87.3130

■ 29.4255, 30.3007,
79.1616

■ 90.1891, 96.3051,
88.6992

■ 25.7236, 25.5510,
78.4399

■ 91.2831, 98.4932,
89.0638

■ 22.8385, 21.5248,
77.8149

■ 20.6813, 18.1663,
77.2803

■ 19.4539, 16.0549,
76.9375

Harmonies

Analogous

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



50.7043, 57.4192, 78.7542



53.7636, 57.4192, 83.1123



57.1687, 57.4192, 81.5104

Triad

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



53.7636, 57.4192, 83.1123



60.8559, 57.4192, 55.4882



49.5026, 57.4192, 51.8347

Complementary

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



53.7636, 57.4192, 83.1123



62.7411, 64.1804, 51.2022

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.



52.0614, 57.4192, 46.7347



53.7636, 57.4192, 83.1123



58.6384, 57.4192, 48.6853

Square

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



53.7636, 57.4192, 83.1123



61.3580, 57.4192, 64.8850



55.3950, 57.4192, 45.6449



48.3117, 57.4192, 60.2127

Rectangle

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



53.7636, 57.4192, 83.1123



59.1685, 57.4192, 77.3504



55.3950, 57.4192, 45.6449



50.2261, 57.4192, 49.7174

Sweetspot

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



53.7654, 57.4215, 83.1136



85.7954, 90.7909, 107.6102



57.7664, 70.5031, 68.7880



18.2005, 19.2691, 23.0100



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.



53.7654, 57.4215, 83.1136



63.3893, 67.7841, 104.3504



48.9651, 47.2269, 81.3988



14.1283, 14.9780, 18.2907



11.1331, 9.3282, 43.5969



0.9148, 0.8735, 3.2524

Inverse Universe

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



59.2157, 52.9296, 62.9751



71.4762, 61.4993, 74.3846



68.4134, 76.3467, 53.2516



14.6523, 14.4781, 16.3697



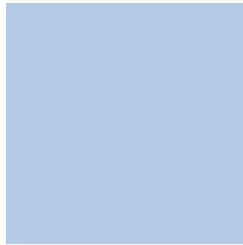
20.0130, 10.1394, 8.9632



1.5254, 0.7679, 0.9071

Previews

White Background



This preview shows how the XYZ color 53.7636, 57.4192, 83.1123 looks on a white background.

Color Contrast Check

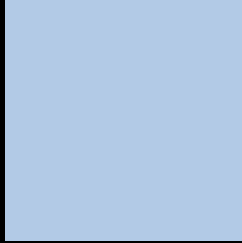
Large Text (above 18pt) WCAG AA × Fail

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 53.7636, 57.4192, 83.1123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

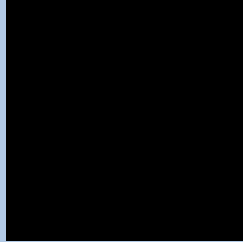
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

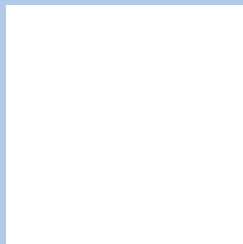
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7636, 57.4192, 83.1123

Background



This preview shows how black text looks on a background with the XYZ color 53.7636, 57.4192, 83.1123.



This preview shows how white text looks on a background with the XYZ color 53.7636, 57.4192,

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

53.7636, 57.4192, 83.1123

Protanopia

56.3073, 57.4036, 80.7853

Deuteranopia

58.4859, 57.1063, 84.2840



Tritanopia

52.4156, 57.5831, 76.0622

Trichromacy



Original Color

53.7636, 57.4192, 83.1123

Protanomaly

55.1661, 57.1397, 81.5203

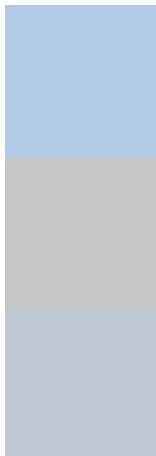
Deuteranomaly

56.6382, 57.1714, 83.6513

Tritanomaly

52.9419, 57.4408, 78.8179

Monochromacy



Original Color

53.7636, 57.4192, 83.1123

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5421, 56.5764, 69.0711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7636, 57.4192, 83.1123 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(178, 202, 230)` looks like.

```
.text, #text, p{  
    color:rgb(178, 202, 230)  
}
```

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(178, 202, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 202, 230) }
```

Border

The CSS property to change the border of an element to XYZ 53.7636, 57.4192, 83.1123 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(178, 202, 230) }
```


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

```
.border{ border-color:rgb(178, 202, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 202, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 202, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 202, 230); box-shadow:4px 4px 4px 4px rgb(178, 202, 230) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7636, 57.4192, 83.1123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 202, 230) }
```

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

```
.background{ background-color: rgb(178,  
202, 230) }
```

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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