

Converting Colors

XYZ(53.6561, 59.2909, 78.0769)

Have a look what the booklet for
XYZ(53.6561, 59.2909, 78.0769)
contains.

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Color

**XYZ(53.7636, 59.3005,
78.4245)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CFDF
RGB	177, 207, 223
RGB Percent	69%, 81%, 87%
CMY	0.3059, 0.1882, 0.1255
CMYK	0.21, 0.07, 0.00, 0.13
HSL	201°, 42%, 78%
HSV	201°, 21%, 87%
XYZ	53.7636, 59.3005, 78.4245
YIQ	199.8540, -23.0160, -1.3840

Conversions

Conversions Part 2

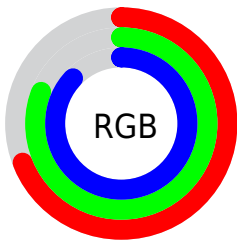
Format	Color
RYB	177, 195, 223
Decimal	11653087
CIELab	81.46, -6.56, -11.25
CIELCh	81, 13.023, 239.750
Yxy	59.3005, 0.2808, 0.3097
Android (android.graphics.Color)	4289843167 (0xFFB1CFDF)
YUV	199.8540, 11.4110, -20.0430
Hunter-Lab	77.0068, -10.1392, -6.4767

Details

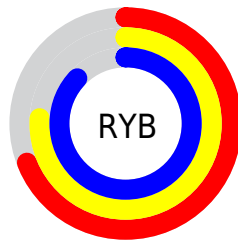
The XYZ color **53.7636, 59.3005, 78.4245** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.4378, 57.0024, 49.5716**, and the grayscale version is **54.7535, 57.6050, 62.7318**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **26.7713, 29.8947, 41.4050** is the 20% darker color. If you saturate the color by 10%, you get **47.2607, 53.2284, 77.5962**, and if you desaturate by 10%, it is **61.1923, 65.9899, 79.3251**.

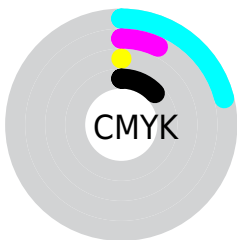
Distribution



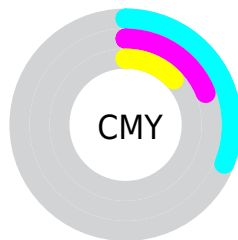
- Red (69%)
- Green (81%)
- Blue (87%)



- Red (69%)
- Yellow (76%)
- Blue (87%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (31%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7636, 59.3005, 78.4245 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, 59.3005, 78.4245 by changing the saturation by 10% instead.

■ 53.7636, 59.3005,
78.4245

■ 53.7636, 59.3005,
78.4245

391.4210,
422.0146, 509.1733

■ 38.6426, 42.8551,
57.9042

■ 94.8860, 103.8143,
132.9397

■ 26.6613, 29.7714,
41.3175

121.6181,
132.6514, 167.7717

■ 17.4543, 19.6652,
28.2457

152.9513,
166.3879, 208.2113

■ 10.6562, 12.1519,
18.2703

189.2509,
205.4082, 254.6772

■ 5.9017, 6.8472,
10.9728

230.8824,
250.0966, 307.5877

■ 2.8255, 3.3667,
5.9346

278.2109,

■ 1.0622, 1.3261,

300.8375, 367.3616

2.7372

331.6020,
358.0154, 434.4173

■ 0.0000, 0.1612,
0.9621

■ 0.0000, 0.0000,
0.0000

■ 53.7636, 59.3005,
78.4245

■ 53.7636, 59.3005,
78.4245

■ 47.2607, 53.2284,
77.5962

■ 61.1923, 65.9899,
79.3251

■ 41.6369, 47.7431,
76.8338

■ 69.5804, 73.3113,
80.2962

■ 36.8488, 42.8217,
76.1362

■ 78.9661, 81.2877,
81.3411

■ 32.8472, 38.4368,
75.5008

■ 85.1415, 87.7518,
82.2633

■ 29.5775, 34.5582,
74.9245

■ 87.4486, 92.3662,
83.0324

■ 26.9770, 31.1514,
74.4040

■ 89.8543, 97.1775,
83.8343

■ 24.9716, 28.1760,
73.9353

■ 90.3195, 98.1078,
83.9893

■ 23.5134, 25.7157,
73.5373

Harmonies

Analogous

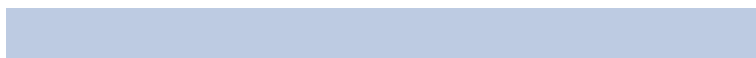
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.9336, 59.3005, 72.3081



53.7636, 59.3005, 78.4245



56.3405, 59.3005, 80.7745

Triad

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



53.7636, 59.3005, 78.4245



61.7695, 59.3005, 64.6336



53.8019, 59.3005, 52.3915

Complementary

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



53.7636, 59.3005, 78.4245



57.4378, 57.0024, 49.5716

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.



56.3862, 59.3005, 50.6889



53.7636, 59.3005, 78.4245



61.0381, 59.3005, 57.4013

Square

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



53.7636, 59.3005, 78.4245



61.0140, 59.3005, 72.4303



59.0456, 59.3005, 52.4484



51.9552, 59.3005, 57.2966

Rectangle

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



53.7636, 59.3005, 78.4245



58.1534, 59.3005, 79.7536



59.0456, 59.3005, 52.4484



54.6104, 59.3005, 51.4441

Sweetspot

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



53.7654, 59.3029, 78.4258



87.9694, 93.8647, 108.0890



54.0717, 65.9441, 59.9429



18.6704, 19.9521, 23.1171



0.0000, 0.0000, 0.0000



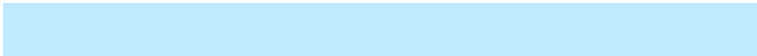
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7654, 59.3029, 78.4258



68.6895, 76.5102, 105.7554



48.7313, 49.2348, 76.7478



13.6944, 14.7280, 17.5087



13.9349, 15.3393, 43.2747



1.0487, 1.2288, 3.0271

Inverse Universe

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



57.4175, 51.6387, 65.9753



74.6090, 64.5042, 85.4815



62.7537, 67.6342, 51.3436



14.0820, 13.8504, 16.2019



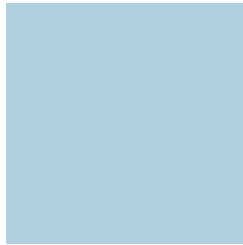
20.9739, 10.4566, 17.0601



1.4956, 0.7415, 1.4025

Previews

White Background



This preview shows how the XYZ color 53.7636, 59.3005, 78.4245 looks on a white background.

Color Contrast Check

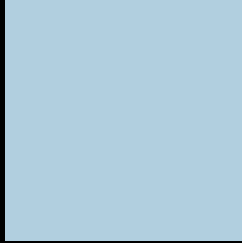
Large Text (above 18pt) WCAG AA × Fail

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, 59.3005, 78.4245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

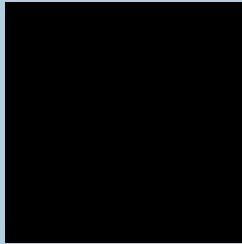
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

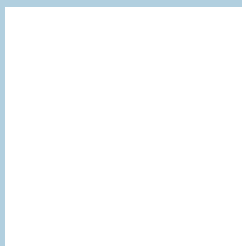
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7636, 59.3005, 78.4245

Background



This preview shows how black text looks on a background with the XYZ color 53.7636, 59.3005, 78.4245.



This preview shows how white text looks on a background with the XYZ color 53.7636, 59.3005,

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, 59.3005, 78.4245

Protanopia

57.7602, 59.3053, 75.4206

Deuteranopia

60.4208, 59.2176, 79.4798



Tritanopia

53.7636, 59.3005, 78.4245

Trichromacy



Original Color

53.7636, 59.3005, 78.4245

Protanomaly

56.0124, 59.0856, 76.1626

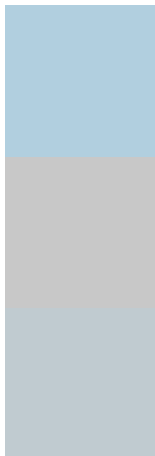
Deuteranomaly

57.8944, 59.2972, 78.9152

Tritanomaly

53.7636, 59.3005, 78.4245

Monochromacy



Original Color

53.7636, 59.3005, 78.4245

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.4793, 58.4724, 68.0894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7636, 59.3005, 78.4245 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(177, 207, 223)` looks like.

```
.text, #text, p{  
    color:rgb(177, 207, 223)  
}
```

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(177, 207, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 207, 223) }
```

Border

The CSS property to change the border of an element to XYZ 53.7636, 59.3005, 78.4245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

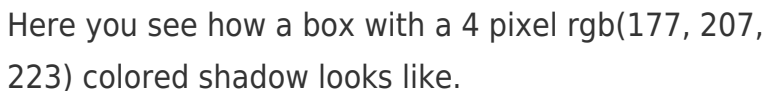
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 207, 223) }
```


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

```
.border{ border-color:rgb(177, 207, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 207, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 207, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 207, 223); box-shadow:4px 4px 4px 4px rgb(177, 207, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7636, 59.3005, 78.4245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 207, 223) }
```

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

```
.background{ background-color: rgb(177,  
207, 223) }
```

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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