

Converting Colors

XYZ(53.4954, 59.1932, 77.0125)

Have a look what the booklet for
XYZ(53.4954, 59.1932, 77.0125)
contains.

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Color

**XYZ(53.4954, 59.1932,
77.0125)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CFDD
RGB	177, 207, 221
RGB Percent	69%, 81%, 87%
CMY	0.3059, 0.1882, 0.1333
CMYK	0.20, 0.06, 0.00, 0.13
HSL	199°, 39%, 78%
HSV	199°, 20%, 87%
XYZ	53.4954, 59.1932, 77.0125
YIQ	199.6260, -22.3740, -2.0060

Conversions

Conversions Part 2

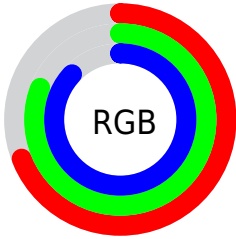
Format	Color
RYB	177, 195, 221
Decimal	11653085
CIELab	81.40, -7.00, -10.27
CIELCh	81, 12.425, 235.734
Yxy	59.1932, 0.2820, 0.3120
Android (android.graphics.Color)	4289843165 (0xFFB1CFDD)
YUV	199.6260, 10.5374, -19.8430
Hunter-Lab	76.9371, -10.5265, -5.4921

Details

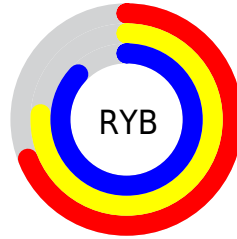
The XYZ color **53.4954, 59.1932, 77.0125** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.3859, 55.8081, 49.3963**, and the grayscale version is **54.6183, 57.4627, 62.5769**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **26.5863, 29.8207, 40.4311** is the 20% darker color. If you saturate the color by 10%, you get **47.1983, 53.4758, 76.2418**, and if you desaturate by 10%, it is **60.6871, 65.4874, 77.8493**.

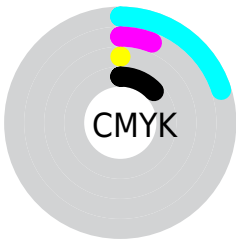
Distribution



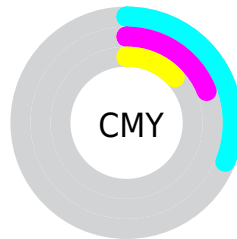
- Red (69%)
- Green (81%)
- Blue (87%)



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



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4954, 59.1932, 77.0125 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 53.4954, 59.1932, 77.0125 by changing the saturation by 10% instead.

■ 53.4954, 59.1932,
77.0125

■ 53.4954, 59.1932,
77.0125

390.4127,
421.6175, 504.2454

■ 38.4275, 42.7687,
56.7515

■ 94.4942, 103.6584,
130.9303

■ 26.4933, 29.7036,
40.3977

121.1557,
132.4679, 165.4242

■ 17.3277, 19.6138,
27.5326

152.4125,
166.1744, 205.4995

■ 10.5651, 12.1146,
17.7377

188.6299,
205.1625, 251.5747

■ 5.8404, 6.8218,
10.5943

230.1733,
249.8164, 304.0683

■ 2.7880, 3.3509,
5.6840

277.4080,

■ 1.0427, 1.3176,

300.5206, 363.3990

2.5883

330.6993,
357.6595, 429.9852

■ 0.0000, 0.1547,
0.8864

■ 0.0000, 0.0000,
0.0000

■ 53.4954, 59.1932,
77.0125

■ 53.4954, 59.1932,
77.0125

■ 47.1983, 53.4758,
76.2418

■ 60.6871, 65.4874,
77.8493

■ 41.7504, 48.3058,
75.5310

■ 68.8055, 72.3719,
78.7503

■ 37.1099, 43.6617,
74.8792

■ 77.8878, 79.8687,
79.7186

■ 33.2295, 39.5177,
74.2838

■ 84.0359, 85.9696,
80.5722

■ 30.0563, 35.8449,
73.7422

■ 86.0902, 90.0783,
81.2569

■ 27.5302, 32.6107,
73.2510

■ 88.2250, 94.3479,
81.9685

■ 25.5800, 29.7769,
72.8068

■ 90.0513, 98.0005,
82.5773

■ 24.0819, 27.2779,
72.4034

■ 24.0691, 27.2560,
72.3999

Harmonies

Analogous

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



51.8803, 59.1932, 70.8649



53.4954, 59.1932, 77.0125



55.8906, 59.1932, 79.7968

Triad

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



53.4954, 59.1932, 77.0125



61.3914, 59.1932, 65.5213



54.1201, 59.1932, 52.4037

Complementary

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



53.4954, 59.1932, 77.0125



56.3859, 55.8081, 49.3963

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.



56.6337, 59.1932, 51.2113



53.4954, 59.1932, 77.0125



60.8824, 59.1932, 58.4369

Square

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



53.4954, 59.1932, 77.0125



60.4916, 59.1932, 72.8465



59.1211, 59.1932, 53.3362



52.2331, 59.1932, 56.7273

Rectangle

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



53.4954, 59.1932, 77.0125



57.6269, 59.1932, 79.2258



59.1211, 59.1932, 53.3362



54.9175, 59.1932, 51.6383

Sweetspot

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



53.4972, 59.1956, 77.0138



88.1103, 94.1465, 108.1359



53.3856, 64.8197, 58.9506



18.7037, 20.0188, 23.1282



0.0000, 0.0000, 0.0000



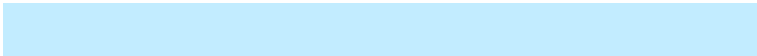
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4972, 59.1956, 77.0138



70.1074, 78.3840, 106.0423



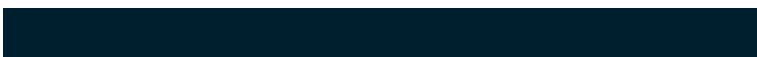
48.5467, 49.2946, 75.3637



13.0774, 14.0946, 16.6834



14.0881, 16.0456, 42.0930



0.9890, 1.1921, 2.7524

Inverse Universe

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



56.8048, 51.3227, 65.9466



75.5595, 65.7835, 87.7151



61.5331, 66.1025, 51.1121



13.4289, 13.2007, 15.5200



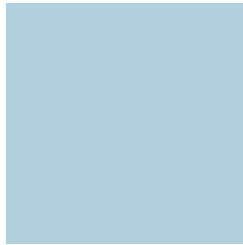
20.6063, 10.2436, 18.1048



1.3735, 0.6790, 1.3757

Previews

White Background



This preview shows how the XYZ color 53.4954, 59.1932, 77.0125 looks on a white background.

Color Contrast Check

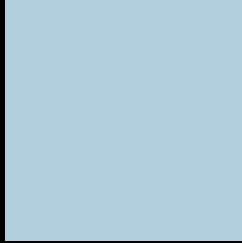
Large Text (above 18pt) WCAG AA × Fail

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 53.4954, 59.1932, 77.0125 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

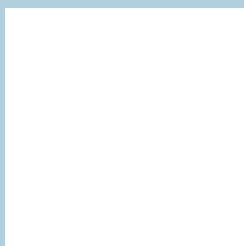
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4954, 59.1932, 77.0125

Background



This preview shows how black text looks on a background with the XYZ color 53.4954, 59.1932, 77.0125.



This preview shows how white text looks on a background with the XYZ color 53.4954, 59.1932,

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

53.4954, 59.1932, 77.0125

Protanopia

57.4984, 59.2005, 74.0420

Deuteranopia

60.2106, 58.8046, 77.9890



Tritanopia

53.7636, 59.3005, 78.4245

Trichromacy



Original Color

53.4954, 59.1932, 77.0125

Protanomaly

55.7491, 58.9803, 74.7757

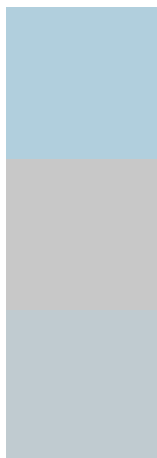
Deuteranomaly

57.3923, 58.7246, 77.4173

Tritanomaly

53.6291, 59.2467, 77.7164

Monochromacy



Original Color

53.4954, 59.1932, 77.0125

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 53.4954, 59.1932, 77.0125 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(177, 207, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 207, 221) }
```

Border

The CSS property to change the border of an element to XYZ 53.4954, 59.1932, 77.0125 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, 221) }
```


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

```
.border{ border-color:rgb(177, 207, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 207, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 207, 221);  
box-shadow:4px 4px 4px 4px rgb(177, 207,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4954, 59.1932, 77.0125 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, 221) }
```

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

```
.background{ background-color: rgb(177,  
207, 221) }
```

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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