

Converting Colors

XYZ(53.3625, 59.7818, 81.9581)

Have a look what the booklet for
XYZ(53.3625, 59.7818, 81.9581)
contains.

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Color

**XYZ(53.3816, 59.7484,
82.1179)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD1E4
RGB	170, 209, 228
RGB Percent	67%, 82%, 89%
CMY	0.3333, 0.1804, 0.1059
CMYK	0.25, 0.08, 0.00, 0.11
HSL	200°, 52%, 78%
HSV	200°, 25%, 89%
XYZ	53.3816, 59.7484, 82.1179
YIQ	199.5050, -29.3430, -2.3590

Conversions

Conversions Part 2

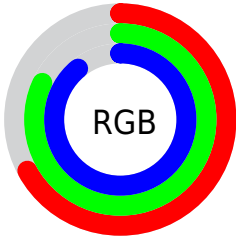
Format	Color
RYB	170, 193, 228
Decimal	11194852
CIELab	81.70, -8.60, -13.60
CIELCh	82, 16.089, 237.699
Yxy	59.7484, 0.2734, 0.3060
Android (android.graphics.Color)	4289384932 (0xFFAAD1E4)
YUV	199.5050, 14.0480, -25.8759
Hunter-Lab	77.2971, -11.9973, -8.8798

Details

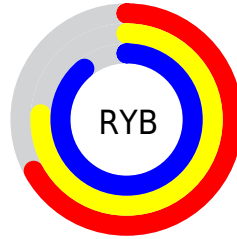
The XYZ color **53.3816, 59.7484, 82.1179** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.4489, 55.7918, 45.7725**, and the grayscale version is **54.5263, 57.3659, 62.4715**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **26.4666, 30.1728, 43.9642** is the 20% darker color. If you saturate the color by 10%, you get **47.0846, 53.8469, 81.3117**, and if you desaturate by 10%, it is **60.6229, 66.2671, 82.9955**.

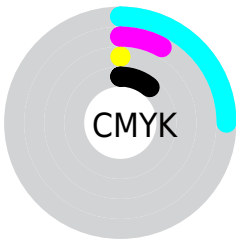
Distribution



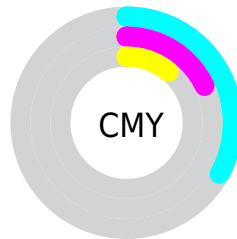
- Red (67%)
- Green (82%)
- Blue (89%)



- Red (67%)
- Yellow (76%)
- Blue (89%)



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (33%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3816, 59.7484, 82.1179 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 53.3816, 59.7484, 82.1179 by changing the saturation by 10% instead.

■ 53.3816, 59.7484,
82.1179

■ 53.3816, 59.7484,
82.1179

389.9844,
423.6698, 521.9358

■ 38.3362, 43.2159,
60.9263

■ 94.3279, 104.4646,
138.1775

■ 26.4221, 30.0545,
43.7356

120.9595,
133.4171, 173.8826

■ 17.2740, 19.8800,
30.1270

152.1838,
167.2783, 215.2626

■ 10.5266, 12.3078,
19.6821

188.3662,
206.4327, 262.7362

■ 5.8144, 6.9537,
11.9824

229.8722,
251.2646, 316.7217

■ 2.7721, 3.4332,
6.6093

277.0669,

■ 1.0344, 1.3618,

302.1585, 377.6378

3.1443

330.3159,
359.4988, 445.9030

0.0000, 0.1883,
1.1688

0.0000, 0.0000,
0.0000

53.3816, 59.7484,
82.1179

53.3816, 59.7484,
82.1179

47.0846, 53.8469,
81.3117

60.6229, 66.2671,
82.9955

41.6811, 48.5304,
80.5703

68.8451, 73.4193,
83.9426

37.1238, 43.7742,
79.8924

78.0896, 81.2293,
84.9629

33.3583, 39.5483,
79.2752

86.0742, 88.5223,
85.9497

■ 30.3234, 35.8195,
78.7154

■ 88.3045, 92.9829,
86.6932

■ 27.9479, 32.5491,
78.2094

■ 90.6262, 97.6264,
87.4671

■ 26.1449, 29.6904,
77.7527

■ 91.0038, 98.3815,
87.5929

■ 25.4475, 28.4890,
77.5575

Harmonies

Analogous

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



51.2190, 59.7484, 74.1108



53.3816, 59.7484, 82.1179



56.5282, 59.7484, 85.5152

Triad

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



53.3816, 59.7484, 82.1179



63.5439, 59.7484, 65.8070



53.8170, 59.7484, 49.9080

Complementary

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



53.3816, 59.7484, 82.1179



57.4489, 55.7918, 45.7725

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.



57.0507, 59.7484, 48.1515



53.3816, 59.7484, 82.1179



62.7490, 59.7484, 56.7702

Square

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



53.3816, 59.7484, 82.1179



62.4701, 59.7484, 75.5335



60.3385, 59.7484, 50.5377



51.4633, 59.7484, 55.5949

Rectangle

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



53.3816, 59.7484, 82.1179



58.7909, 59.7484, 84.4786



60.3385, 59.7484, 50.5377



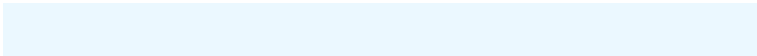
54.8332, 59.7484, 48.8646

Sweetspot

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



53.3834, 59.7508, 82.1193



85.8443, 92.1447, 107.8690



53.4389, 67.6807, 58.0329



18.0240, 19.4197, 23.0484



0.0000, 0.0000, 0.0000



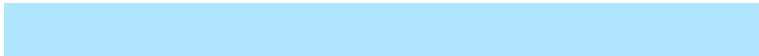
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3834, 59.7508, 82.1193



63.9922, 72.5424, 105.2371



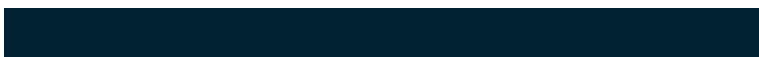
47.0318, 47.0477, 80.0021



14.3888, 15.4989, 18.3776



14.8066, 16.6753, 44.8214



1.1780, 1.4000, 3.3401

Inverse Universe

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



57.8797, 49.8483, 66.8954



70.9134, 57.9542, 81.6561



64.1592, 69.2124, 48.0093



14.7838, 14.5307, 17.0620



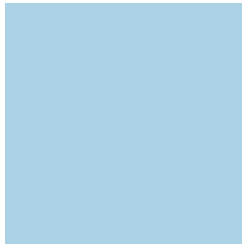
21.8672, 10.8811, 18.7275



1.6583, 0.8210, 1.6069

Previews

White Background



This preview shows how the XYZ color 53.3816, 59.7484, 82.1179 looks on a white background.

Color Contrast Check

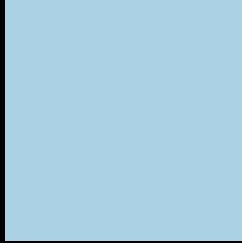
Large Text (above 18pt) WCAG AA × Fail

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 53.3816, 59.7484, 82.1179 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 53.3816, 59.7484, 82.1179

Background



This preview shows how black text looks on a background with the XYZ color 53.3816, 59.7484, 82.1179.



This preview shows how white text looks on a background with the XYZ color 53.3816, 59.7484,

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

53.3816, 59.7484, 82.1179

Protanopia

58.0253, 59.3804, 78.2153

Deuteranopia

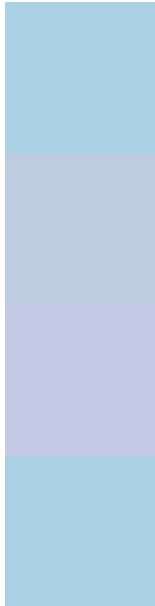
60.5437, 59.2010, 83.0988



Tritanopia

53.1055, 59.6380, 80.6638

Trichromacy



Original Color

53.3816, 59.7484, 82.1179

Protanomaly

56.1697, 59.4408, 79.7469

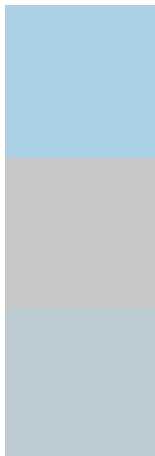
Deuteranomaly

57.5352, 59.0325, 82.4907

Tritanomaly

53.2432, 59.6930, 81.3887

Monochromacy



Original Color

53.3816, 59.7484, 82.1179

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.9751, 58.1838, 69.3586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3816, 59.7484, 82.1179 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(170, 209, 228)` looks like.

```
.text, #text, p{  
    color:rgb(170, 209, 228)  
}
```

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(170, 209, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 209, 228) }
```

Border

The CSS property to change the border of an element to XYZ 53.3816, 59.7484, 82.1179 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(170, 209, 228) }
```


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

```
.border{ border-color:rgb(170, 209, 228) }
```

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

Here you see how a box with a 4 pixel rgb(170, 209, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 209, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 209, 228);  
box-shadow:4px 4px 4px 4px rgb(170, 209,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3816, 59.7484, 82.1179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 209, 228) }
```

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

```
.background{ background-color: rgb(170,  
209, 228) }
```

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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