

Converting Colors

XYZ(53.0299, 57.7259, 83.9485)

Have a look what the booklet for
XYZ(53.0299, 57.7259, 83.9485)
contains.

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Color

**XYZ(53.0299, 57.7259,
83.9485)**

Conversions

Conversions Part 1

Format	Color
Hex	ACCCE7
RGB	172, 204, 231
RGB Percent	67%, 80%, 91%
CMY	0.3255, 0.2000, 0.0941
CMYK	0.26, 0.12, 0.00, 0.09
HSL	207°, 55%, 79%
HSV	207°, 26%, 91%
XYZ	53.0299, 57.7259, 83.9485
YIQ	197.5100, -27.7390, 1.6130

Conversions

Conversions Part 2

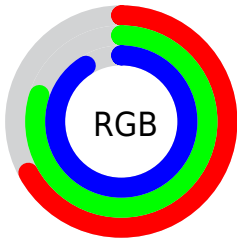
Format	Color
RYB	172, 193, 231
Decimal	11324647
CIELab	80.59, -4.70, -16.86
CIELCh	81, 17.507, 254.431
Yxy	57.7259, 0.2724, 0.2965
Android (android.graphics.Color)	4289514727 (0xFFACCCE7)
YUV	197.5100, 16.5106, -22.3723
Hunter-Lab	75.9776, -8.3735, -12.3259

Details

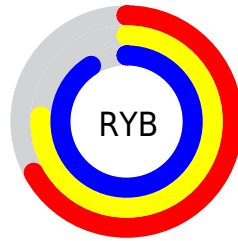
The XYZ color **53.0299, 57.7259, 83.9485** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.8255, 60.8146, 47.5636**, and the grayscale version is **53.2959, 56.0714, 61.0618**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **26.1154, 28.7594, 44.7321** is the 20% darker color. If you saturate the color by 10%, you get **45.9666, 50.4819, 82.9235**, and if you desaturate by 10%, it is **61.1485, 65.7698, 85.0742**.

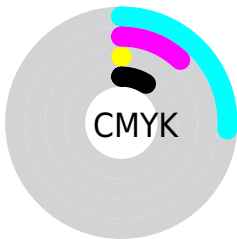
Distribution



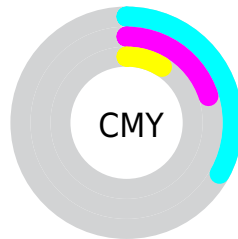
- Red (67%)
- Green (80%)
- Blue (91%)



- Red (67%)
- Yellow (76%)
- Blue (91%)



- Cyan (26%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (33%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0299, 57.7259, 83.9485 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 53.0299, 57.7259, 83.9485 by changing the saturation by 10% instead.

■ 53.0299, 57.7259,
83.9485

■ 53.0299, 57.7259,
83.9485

388.6588,
416.1638, 528.1958

■ 38.0542, 41.5883,
62.4278

■ 93.8136, 101.5236,
140.7642

■ 26.2022, 28.7791,
44.9404

120.3524,
129.9525, 176.8963

■ 17.1084, 18.9138,
31.0679

151.4762,
163.2473, 218.7359

■ 10.4076, 11.6080,
20.3917

187.5505,
201.7925, 266.7016

■ 5.7344, 6.4773,
12.4932

228.9405,
245.9723, 321.2119

■ 2.7234, 3.1374,
6.9539

276.0117,

■ 1.0092, 1.2039,

296.1712, 382.6853

3.3553

329.1293,
352.7735, 451.5404

■ 0.0000, 0.0649,
1.2788

■ 0.0000, 0.0000,
0.0443

■ 53.0299, 57.7259,
83.9485

■ 53.0299, 57.7259,
83.9485

■ 45.9666, 50.4819,
82.9235

■ 61.1485, 65.7698,
85.0742

■ 39.9044, 44.0008,
81.9920

■ 70.3626, 74.6351,
86.2997

■ 34.7917, 38.2522,
81.1519

■ 80.7167, 84.3508,
87.6293

■ 30.5702, 33.2008,
80.3994

■ 88.7067, 93.1151,
88.8999

■ 27.1742, 28.8071,
79.7303

■ 91.4240, 98.5496,
89.8056

■ 24.5274, 25.0262,
79.1400

■ 22.5371, 21.8043,
78.6230

■ 21.7953, 20.5122,
78.4127

Harmonies

Analogous

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



50.0710, 57.7259, 77.7772



53.0299, 57.7259, 83.9485



56.6099, 57.7259, 84.0721

Triad

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



53.0299, 57.7259, 83.9485



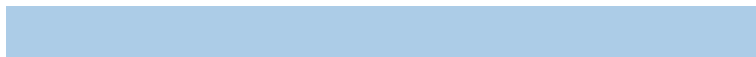
61.8467, 57.7259, 58.0417



50.1625, 57.7259, 49.7343

Complementary

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



53.0299, 57.7259, 83.9485



60.8255, 60.8146, 47.5636

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.



53.1598, 57.7259, 45.5443



53.0299, 57.7259, 83.9485



59.9593, 57.7259, 49.9728

Square

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



53.0299, 57.7259, 83.9485



61.8081, 57.7259, 68.3256



56.7455, 57.7259, 45.6265



48.4655, 57.7259, 57.6820

Rectangle

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



53.0299, 57.7259, 83.9485



58.8741, 57.7259, 80.6625



56.7455, 57.7259, 45.6265



51.0454, 57.7259, 47.8803

Sweetspot

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



53.0317, 57.7282, 83.9498



85.0330, 90.5222, 107.5985



55.8470, 70.0262, 64.3335



17.8194, 19.0104, 22.9801



0.0000, 0.0000, 0.0000



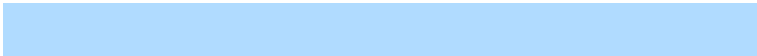
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0317, 57.7282, 83.9498



61.2297, 67.0173, 104.3162



46.7586, 45.1821, 81.8588



14.2273, 15.1760, 18.3237



12.3443, 11.7506, 44.0007



1.0048, 1.0536, 3.2824

Inverse Universe

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



58.6080, 50.8550, 63.8563



69.5190, 57.3965, 74.3134



68.1596, 75.4828, 50.0084



14.7023, 14.4981, 16.6328



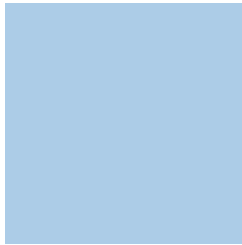
20.6243, 10.3839, 12.1826



1.5708, 0.7860, 1.1465

Previews

White Background



This preview shows how the XYZ color 53.0299, 57.7259, 83.9485 looks on a white background.

Color Contrast Check

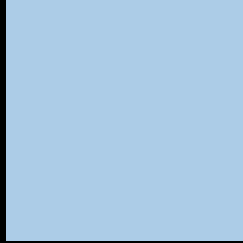
Large Text (above 18pt) WCAG AA × Fail

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 53.0299, 57.7259, 83.9485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

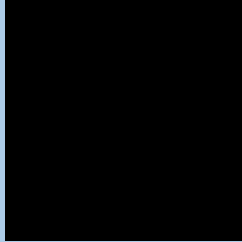
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

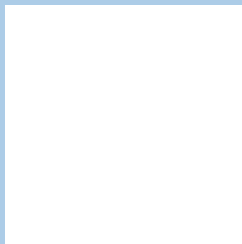
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0299, 57.7259, 83.9485

Background



This preview shows how black text looks on a background with the XYZ color 53.0299, 57.7259, 83.9485.



This preview shows how white text looks on a background with the XYZ color 53.0299, 57.7259,

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

53.0299, 57.7259, 83.9485

Protanopia

56.5649, 57.5363, 80.7974

Deuteranopia

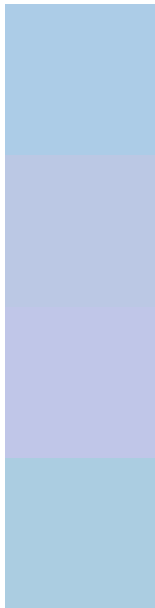
58.8517, 57.6099, 85.1088



Tritanopia

51.8337, 57.9626, 77.5632

Trichromacy



Original Color

53.0299, 57.7259, 83.9485

Protanomaly

55.1514, 57.4748, 81.5857

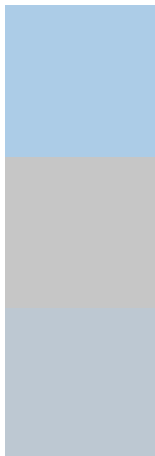
Deuteranomaly

56.4978, 57.4208, 84.4495

Tritanomaly

52.2165, 57.7568, 79.6302

Monochromacy



Original Color

53.0299, 57.7259, 83.9485

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2734, 56.7805, 69.1247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0299, 57.7259, 83.9485 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(172, 204, 231)` looks like.

```
.text, #text, p{  
    color:rgb(172, 204, 231)  
}
```

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(172, 204, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 204, 231) }
```

Border

The CSS property to change the border of an element to XYZ 53.0299, 57.7259, 83.9485 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(172, 204, 231) }
```


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

```
.border{ border-color:rgb(172, 204, 231) }
```

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

Here you see how a box with a 4 pixel rgb(172, 204, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 204, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 204, 231);  
box-shadow:4px 4px 4px 4px rgb(172, 204,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0299, 57.7259, 83.9485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 204, 231) }
```

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

```
.background{ background-color: rgb(172,  
204, 231) }
```

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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