

Converting Colors

XYZ(52.1967, 57.3926, 79.5610)

Have a look what the booklet for
XYZ(52.1967, 57.3926, 79.5610)
contains.

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Color

**XYZ(52.1967, 57.3926,
79.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	ACCCE1
RGB	172, 204, 225
RGB Percent	67%, 80%, 88%
CMY	0.3255, 0.2000, 0.1176
CMYK	0.24, 0.09, 0.00, 0.12
HSL	204°, 47%, 78%
HSV	204°, 24%, 88%
XYZ	52.1967, 57.3926, 79.5610
YIQ	196.8260, -25.8130, -0.2530

Conversions

Conversions Part 2

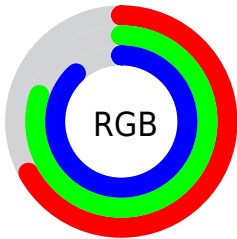
Format	Color
R_{YB}	172, 192, 225
Decimal	11324641
CIE Lab	80.40, -6.06, -13.93
CIE LCh	80, 15.195, 246.484
Yxy	57.3926, 0.2760, 0.3034
Android (android.graphics.Color)	4289514721 (0xFFACCCE1)
YUV	196.8260, 13.8898, -21.7724
Hunter-Lab	75.7579, -9.5910, -9.2359

Details

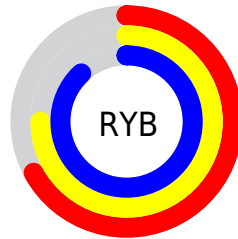
The XYZ color **52.1967, 57.3926, 79.5610** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.5683, 57.1263, 47.0233**, and the grayscale version is **52.8974, 55.6522, 60.6052**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **25.7698, 28.6369, 42.1995** is the 20% darker color. If you saturate the color by 10%, you get **45.6123, 50.9437, 78.6642**, and if you desaturate by 10%, it is **59.7419, 64.5197, 80.5399**.

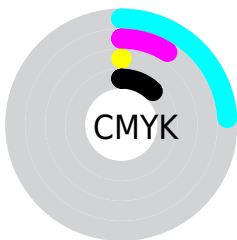
Distribution



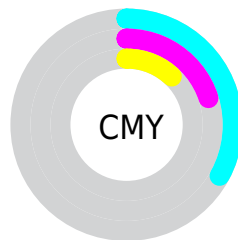
- Red (67%)
- Green (80%)
- Blue (88%)



- Red (67%)
- Yellow (75%)
- Blue (88%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (33%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1967, 57.3926, 79.5610 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 52.1967, 57.3926, 79.5610 by changing the saturation by 10% instead.

■ 52.1967, 57.3926,
79.5610

■ 52.1967, 57.3926,
79.5610

385.5070,
414.9188, 513.1198

■ 37.3868, 41.3205,
58.8331

■ 92.5938, 101.0378,
134.5542

■ 25.6822, 28.5696,
42.0597

118.9116,
129.3798, 169.6565

■ 16.7174, 18.7555,
28.8221

149.7962,
162.5804, 210.3875

■ 10.1273, 11.4937,
18.7019

185.6128,
201.0242, 257.1655

■ 5.5464, 6.4000,
11.2804

226.7269,
245.0956, 310.4093

■ 2.6093, 3.0898,
6.1392

273.5037,

■ 0.9507, 1.1788,

295.1789, 370.5372

2.8598

326.3086,
351.6585, 437.9679

■ 0.0000, 0.0443,
1.0235

■ 0.0000, 0.0000,
0.0000

■ 52.1967, 57.3926,
79.5610

■ 52.1967, 57.3926,
79.5610

■ 45.6123, 50.9437,
78.6642

■ 59.7419, 64.5197,
80.5399

■ 39.9395, 45.1404,
77.8431

■ 68.2837, 72.3421,
81.5996

■ 35.1320, 39.9572,
77.0960

■ 77.8625, 80.8848,
82.7437

■ 31.1375, 35.3639,
76.4199

■ 85.8911, 88.8170,
83.8516

■ 27.8971, 31.3270,
75.8115

■ 88.5753, 94.1853,
84.7463

■ 25.3431, 27.8083,
75.2669

■ 90.5908, 98.2163,
85.4181

■ 23.3941, 24.7623,
74.7817

■ 22.3752, 23.0051,
74.4963

Harmonies

Analogous

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



49.8783, 57.3926, 73.2458



52.1967, 57.3926, 79.5610



55.2285, 57.3926, 81.1144

Triad

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



52.1967, 57.3926, 79.5610



60.7149, 57.3926, 60.5753



51.0684, 57.3926, 49.6984

Complementary

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



52.1967, 57.3926, 79.5610



57.5683, 57.1263, 47.0233

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.



53.8770, 57.3926, 46.9611



52.1967, 57.3926, 79.5610



59.5046, 57.3926, 52.8437

Square

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



52.1967, 57.3926, 79.5610



60.2236, 57.3926, 69.5821



56.9729, 57.3926, 48.0555



49.2444, 57.3926, 55.8984

Rectangle

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



52.1967, 57.3926, 79.5610



57.2625, 57.3926, 79.1212



56.9729, 57.3926, 48.0555



51.9244, 57.3926, 48.3710

Sweetspot

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



52.1984, 57.3949, 79.5623



86.5705, 92.3410, 107.8686



53.4892, 66.4420, 60.0600



18.3800, 19.6282, 23.0698



0.0000, 0.0000, 0.0000



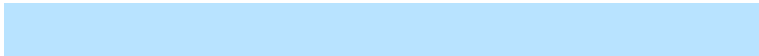
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1984, 57.3949, 79.5623



65.1120, 72.1420, 105.1008



46.5620, 46.1220, 77.6835



13.6371, 14.6133, 17.4896



13.0105, 13.4905, 42.9666



0.9885, 1.1084, 3.0071

Inverse Universe

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



56.7043, 49.8736, 63.7672



72.1230, 60.9052, 80.4197



63.7825, 69.5546, 49.0947



14.0530, 13.8389, 16.0495



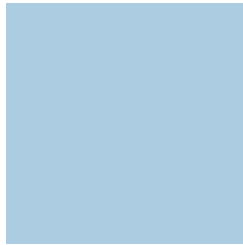
20.5073, 10.2699, 14.6030



1.4652, 0.7294, 1.2425

Previews

White Background



This preview shows how the XYZ color 52.1967, 57.3926, 79.5610 looks on a white background.

Color Contrast Check

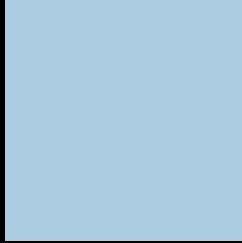
Large Text (above 18pt) WCAG AA × Fail

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 52.1967, 57.3926, 79.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

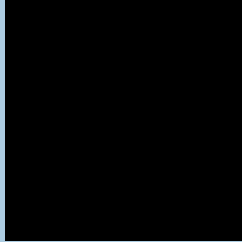
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

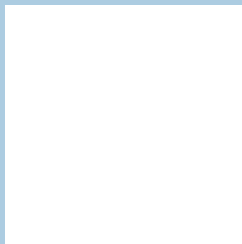
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1967, 57.3926, 79.5610

Background



This preview shows how black text looks on a background with the XYZ color 52.1967, 57.3926, 79.5610.



This preview shows how white text looks on a background with the XYZ color 52.1967, 57.3926,

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

52.1967, 57.3926, 79.5610

Protanopia

56.0102, 57.3444, 76.5231

Deuteranopia

58.3338, 57.1088, 80.6216



Tritanopia

51.6771, 57.5410, 76.7895

Trichromacy



Original Color

52.1967, 57.3926, 79.5610

Protanomaly

54.3326, 57.1473, 77.2741

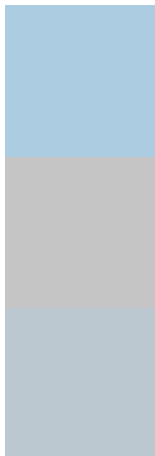
Deuteranomaly

55.9139, 57.2166, 80.0484

Tritanomaly

51.8107, 57.5945, 77.4934

Monochromacy



Original Color

52.1967, 57.3926, 79.5610

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.6558, 56.5049, 67.1628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1967, 57.3926, 79.5610 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(172, 204, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 204, 225) }
```

Border

The CSS property to change the border of an element to XYZ 52.1967, 57.3926, 79.5610 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, 225) }
```


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

```
.border{ border-color:rgb(172, 204, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 204, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 204, 225);  
box-shadow:4px 4px 4px 4px rgb(172, 204,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1967, 57.3926, 79.5610 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, 225) }
```

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

```
.background{ background-color: rgb(172,  
204, 225) }
```

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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