

Converting Colors

XYZ(52.4358, 57.0214, 82.2989)

Have a look what the booklet for
XYZ(52.4358, 57.0214, 82.2989)
contains.

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Color

**XYZ(52.5121, 57.1397,
82.3901)**

Conversions

Conversions Part 1

Format	Color
Hex	ACCBE5
RGB	172, 203, 229
RGB Percent	67%, 80%, 90%
CMY	0.3255, 0.2039, 0.1020
CMYK	0.25, 0.11, 0.00, 0.10
HSL	207°, 52%, 79%
HSV	207°, 25%, 90%
XYZ	52.5121, 57.1397, 82.3901
YIQ	196.6950, -26.8220, 1.5140

Conversions

Conversions Part 2

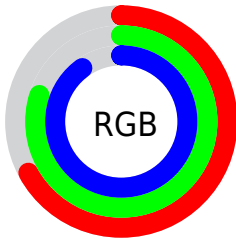
Format	Color
R _Y B	172, 192, 229
Decimal	11324389
CIE Lab	80.26, -4.63, -16.29
CIE LCh	80, 16.933, 254.136
Yxy	57.1397, 0.2734, 0.2975
Android (android.graphics.Color)	4289514469 (0xFFACCBE5)
YUV	196.6950, 15.9264, -21.6575
Hunter-Lab	75.5908, -8.2819, -11.7095

Details

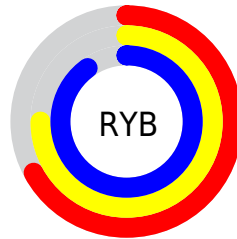
The XYZ color **52.5121, 57.1397, 82.3901** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.9543, 60.0252, 47.4573**, and the grayscale version is **52.8071, 55.5572, 60.5018**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **25.9952, 28.4728, 44.1701** is the 20% darker color. If you saturate the color by 10%, you get **45.5289, 50.0018, 81.3813**, and if you desaturate by 10%, it is **60.5310, 65.0611, 83.4974**.

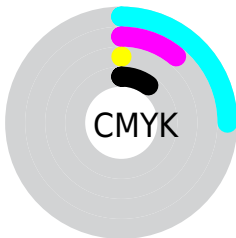
Distribution



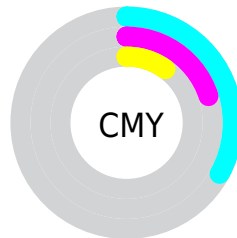
- Red (67%)
- Green (80%)
- Blue (90%)



- Red (67%)
- Yellow (75%)
- Blue (90%)



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (33%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5121, 57.1397, 82.3901 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 52.5121, 57.1397, 82.3901 by changing the saturation by 10% instead.

■ 52.5121, 57.1397,
82.3901

■ 52.5121, 57.1397,
82.3901

386.7020,
413.9726, 522.8693

■ 37.6393, 41.1174,
61.1495

■ 93.0558, 100.6690,
138.5625

■ 25.8788, 28.4108,
43.9145

119.4575,
128.9448, 174.3313

■ 16.8652, 18.6356,
30.2666

150.4328,
162.0739, 215.7800

■ 10.2331, 11.4073,
19.7872

186.3471,
200.4407, 263.3270

■ 5.6173, 6.3415,
12.0579

227.5659,
244.4295, 317.3909

■ 2.6522, 3.0538,
6.6601

274.4544,

■ 0.9726, 1.1599,

294.4249, 378.3902

3.1753

327.3780,
350.8111, 446.7435

■ 0.0000, 0.0286,
1.1848

■ 0.0000, 0.0000,
0.0000

■ 52.5121, 57.1397,
82.3901

■ 52.5121, 57.1397,
82.3901

■ 45.5289, 50.0018,
81.3813

■ 60.5310, 65.0611,
83.4974

■ 39.5285, 43.6110,
80.4641

■ 69.6248, 73.7866,
84.7023

■ 34.4610, 37.9381,
79.6362

■ 79.8368, 83.3445,
86.0089

■ 30.2695, 32.9486,
78.8940

■ 87.9700, 92.0911,
87.2685

■ 26.8904, 28.6043,
78.2336

■ 91.1430, 98.4372,
88.3262

■ 24.2498, 24.8618,
77.6504

■ 22.2585, 21.6693,
77.1391

■ 21.4201, 20.2114,
76.9019

Harmonies

Analogous

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



49.6758, 57.1397, 76.4410



52.5121, 57.1397, 82.3901



55.9497, 57.1397, 82.5695

Triad

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



52.5121, 57.1397, 82.3901



61.0162, 57.1397, 57.6796



49.8095, 57.1397, 49.5245

Complementary

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



52.5121, 57.1397, 82.3901



59.9543, 60.0252, 47.4573

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.



52.7018, 57.1397, 45.5155



52.5121, 57.1397, 82.3901



59.2229, 57.1397, 49.8742

Square

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



52.5121, 57.1397, 82.3901



60.9601, 57.1397, 67.5676



56.1476, 57.1397, 45.6363



48.1612, 57.1397, 57.1536

Rectangle

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



52.5121, 57.1397, 82.3901



58.1270, 57.1397, 79.3465



56.1476, 57.1397, 45.6363



50.6630, 57.1397, 47.7467

Sweetspot

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



52.5138, 57.1420, 82.3914



86.2427, 91.6854, 107.7593



55.1865, 68.8715, 63.6009



18.3040, 19.4763, 23.0445



0.0000, 0.0000, 0.0000



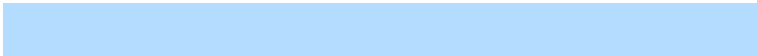
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5138, 57.1420, 82.3914



62.1466, 67.9873, 104.4551



46.4583, 45.0309, 80.3729



14.2291, 15.1797, 18.3243



12.3688, 11.7996, 44.0088



1.0066, 1.0572, 3.2830

Inverse Universe

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



57.8466, 50.4764, 63.1965



70.1926, 58.4732, 75.3720



66.9977, 74.1120, 49.8051



14.7032, 14.4985, 16.6377



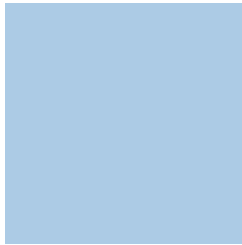
20.6367, 10.3889, 12.2477



1.5717, 0.7864, 1.1512

Previews

White Background



This preview shows how the XYZ color 52.5121, 57.1397, 82.3901 looks on a white background.

Color Contrast Check

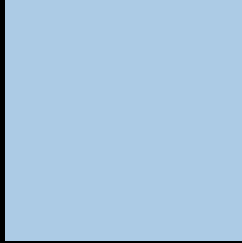
Large Text (above 18pt) WCAG AA × Fail

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 52.5121, 57.1397, 82.3901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

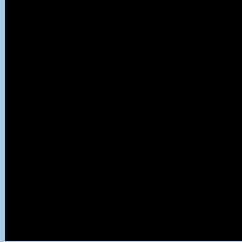
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

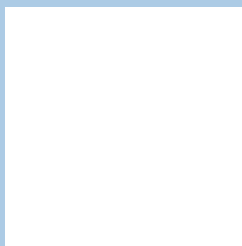
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5121, 57.1397, 82.3901

Background



This preview shows how black text looks on a background with the XYZ color 52.5121, 57.1397, 82.3901.



This preview shows how white text looks on a background with the XYZ color 52.5121, 57.1397,

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

52.5121, 57.1397, 82.3901

Protanopia

55.8050, 56.8381, 79.2638

Deuteranopia

58.3442, 57.0496, 83.5379



Tritanopia

51.2216, 56.9522, 76.6998

Trichromacy



Original Color

52.5121, 57.1397, 82.3901

Protanomaly

54.4006, 56.7769, 80.0433

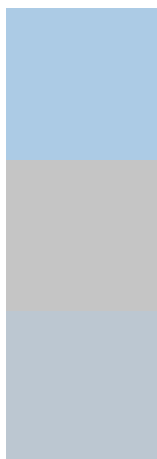
Deuteranomaly

55.9874, 56.8521, 82.8856

Tritanomaly

51.8420, 57.2255, 78.8343

Monochromacy



Original Color

52.5121, 57.1397, 82.3901

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.6711, 56.1417, 68.3820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5121, 57.1397, 82.3901 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, 203, 229)` looks like.

```
.text, #text, p{  
    color:rgb(172, 203, 229)  
}
```

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, 203, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 203, 229) }
```

Border

The CSS property to change the border of an element to XYZ 52.5121, 57.1397, 82.3901 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, 203, 229) }
```


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

```
.border{ border-color:rgb(172, 203, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 203, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 203, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 203, 229);  
box-shadow:4px 4px 4px 4px rgb(172, 203,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5121, 57.1397, 82.3901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 203, 229) }
```

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

```
.background{ background-color: rgb(172,  
203, 229) }
```

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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