

Converting Colors

XYZ(51.0462, 57.2759, 77.6584)

Have a look what the booklet for
XYZ(51.0462, 57.2759, 77.6584)
contains.

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Color

**XYZ(50.9525, 57.1521,
77.4532)**

Conversions

Conversions Part 1

Format	Color
Hex	A7CDDE
RGB	167, 205, 222
RGB Percent	65%, 80%, 87%
CMY	0.3451, 0.1961, 0.1294
CMYK	0.25, 0.08, 0.00, 0.13
HSL	199°, 45%, 76%
HSV	199°, 25%, 87%
XYZ	50.9525, 57.1521, 77.4532
YIQ	195.5760, -28.1050, -2.7690

Conversions

Conversions Part 2

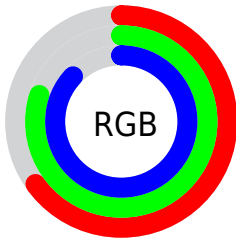
Format	Color
RYB	167, 189, 222
Decimal	10997214
CIELab	80.27, -8.76, -12.56
CIELCh	80, 15.314, 235.103
Yxy	57.1521, 0.2746, 0.3080
Android (android.graphics.Color)	4289187294 (0xFFA7CDDE)
YUV	195.5760, 13.0270, -25.0612
Hunter-Lab	75.5990, -11.9922, -7.8249

Details

The XYZ color **50.9525, 57.1521, 77.4532** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.2404, 52.6008, 43.8547**, and the grayscale version is **52.1535, 54.8695, 59.7529**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **24.9811, 28.5006, 40.7437** is the 20% darker color. If you saturate the color by 10%, you get **45.0541, 51.7295, 76.7184**, and if you desaturate by 10%, it is **57.7314, 63.1383, 78.2523**.

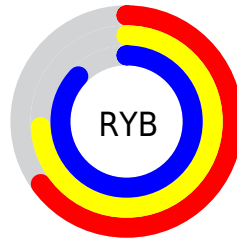
Distribution



Red (65%)

Green (80%)

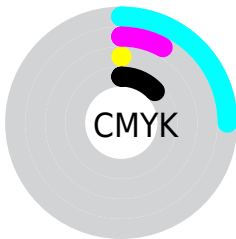
Blue (87%)



Red (65%)

Yellow (74%)

Blue (87%)

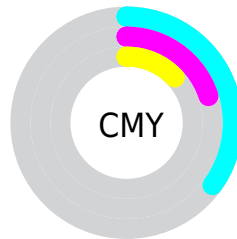


Cyan (25%)

Magenta (8%)

Yellow (0%)

Black (13%)



Cyan (35%)

Magenta (20%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9525, 57.1521, 77.4532 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 50.9525, 57.1521, 77.4532 by changing the saturation by 10% instead.

■ 50.9525, 57.1521,
77.4532

■ 50.9525, 57.1521,
77.4532

380.7699,
414.0190, 505.7865

■ 36.3917, 41.1274,
57.1111

■ 90.7680, 100.6871,
131.5579

■ 24.9084, 28.4186,
40.6845

■ 116.7533,
128.9661, 166.1575

■ 16.1372, 18.6415,
27.7548

147.2776,
162.0987, 206.3468

■ 9.7127, 11.4115,
17.9035

182.7061,
200.4693, 252.5443

■ 5.2697, 6.3443,
10.7120

223.4043,
244.4622, 305.1684

■ 2.4427, 3.0556,
5.7618

269.7374,

■ 0.8665, 1.1608,

294.4619, 364.6378

2.6343

322.0708,
350.8527, 431.3710

■ 0.0000, 0.0293,
0.9101

■ 0.0000, 0.0000,
0.0000

■ 50.9525, 57.1521,
77.4532

■ 50.9525, 57.1521,
77.4532

■ 45.0541, 51.7295,
76.7184

■ 57.7314, 63.1383,
78.2523

■ 39.9891, 46.8406,
76.0417

■ 65.4246, 69.7026,
79.1139

■ 35.7133, 42.4627,
75.4220

■ 74.0706, 76.8676,
80.0412

■ 32.1766, 38.5685,
74.8567

■ 83.4078, 84.4996,
81.0222

■ 29.3223, 35.1273,
74.3430

■ 85.3819, 88.4478,
81.6802

■ 27.0848, 32.1040,
73.8773

■ 87.4323, 92.5487,
82.3637

■ 25.3844, 29.4558,
73.4558

■ 89.5598, 96.8037,
83.0728

■ 24.6406, 28.1852,
73.2498

■ 90.1850, 98.0540,
83.2812

Harmonies

Analogous

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



49.0548, 57.1521, 69.8266



50.9525, 57.1521, 77.4532



53.8095, 57.1521, 81.0178

Triad

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



50.9525, 57.1521, 77.4532



60.5371, 57.1521, 63.7110



51.8094, 57.1521, 47.8974

Complementary

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



50.9525, 57.1521, 77.4532



54.2404, 52.6008, 43.8547

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.



54.8364, 57.1521, 46.5957



50.9525, 57.1521, 77.4532



59.9520, 57.1521, 55.2033

Square

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



50.9525, 57.1521, 77.4532



59.4053, 57.1521, 72.6131



57.8355, 57.1521, 49.1430



49.5361, 57.1521, 52.8852

Rectangle

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



50.9525, 57.1521, 77.4532



55.9036, 57.1521, 80.3850



57.8355, 57.1521, 49.1430



52.7692, 57.1521, 47.0359

Sweetspot

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



50.9542, 57.1544, 77.4545



87.0505, 93.3010, 108.0286



50.6582, 63.8989, 54.7381



18.4912, 19.8507, 23.1069



0.0000, 0.0000, 0.0000



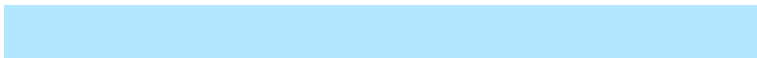
20.3446, 21.4041, 23.3091

Same Dimension

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



50.9542, 57.1544, 77.4545



65.2012, 74.0966, 105.4734



45.0428, 45.3315, 75.4840



13.7405, 14.8201, 17.5241



14.7388, 16.9471, 43.5427



1.1000, 1.3315, 3.0443

Inverse Universe

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



54.9638, 47.5762, 64.0465



71.7345, 59.0899, 83.4913



60.3946, 64.9092, 45.9061



14.1052, 13.8597, 16.3244



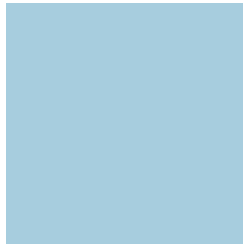
21.3796, 10.6189, 19.1968



1.5215, 0.7519, 1.5390

Previews

White Background



This preview shows how the XYZ color 50.9525, 57.1521, 77.4532 looks on a white background.

Color Contrast Check

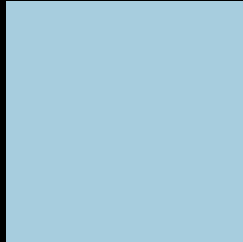
Large Text (above 18pt) WCAG AA × Fail

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 50.9525, 57.1521, 77.4532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

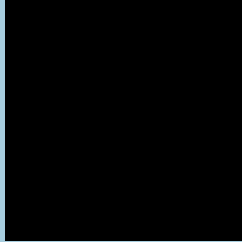
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9525, 57.1521, 77.4532

Background



This preview shows how black text looks on a background with the XYZ color 50.9525, 57.1521, 77.4532.



This preview shows how white text looks on a background with the XYZ color 50.9525, 57.1521,

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

50.9525, 57.1521, 77.4532

Protanopia

55.5166, 56.8126, 73.6855

Deuteranopia

57.9781, 56.6436, 78.3985



Tritanopia

50.8188, 57.0986, 76.7493

Trichromacy



Original Color

50.9525, 57.1521, 77.4532

Protanomaly

53.6902, 56.8621, 75.1635

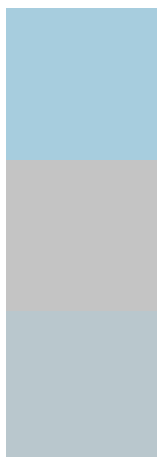
Deuteranomaly

55.0238, 56.4667, 77.8111

Tritanomaly

50.8188, 57.0986, 76.7493

Monochromacy



Original Color

50.9525, 57.1521, 77.4532

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.4505, 55.5689, 65.7718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9525, 57.1521, 77.4532 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(167, 205, 222)` looks like.

```
.text, #text, p{  
    color:rgb(167, 205, 222)  
}
```

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(167, 205, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 205, 222) }
```

Border

The CSS property to change the border of an element to XYZ 50.9525, 57.1521, 77.4532 is called "border". The border property can be set on classes, ids or directly on the HTML element.

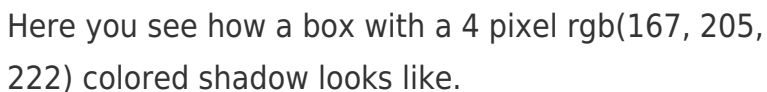
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 205, 222) }
```


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

```
.border{ border-color:rgb(167, 205, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 205, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 205, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 205, 222); box-shadow:4px 4px 4px 4px rgb(167, 205, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9525, 57.1521, 77.4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 205, 222) }
```

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

```
.background{ background-color: rgb(167,  
205, 222) }
```

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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