

Converting Colors

XYZ(50.6881, 55.5348, 80.7208)

Have a look what the booklet for
XYZ(50.6881, 55.5348, 80.7208)
contains.

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Color

**XYZ(50.6881, 55.5348,
80.7208)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C9E3
RGB	167, 201, 227
RGB Percent	65%, 79%, 89%
CMY	0.3451, 0.2117, 0.1098
CMYK	0.26, 0.11, 0.00, 0.11
HSL	206°, 52%, 77%
HSV	206°, 26%, 89%
XYZ	50.6881, 55.5348, 80.7208
YIQ	193.7980, -28.6100, 0.8780

Conversions

Conversions Part 2

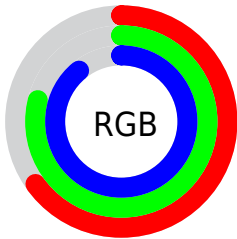
Format	Color
RYB	167, 189, 227
Decimal	10996195
CIELab	79.35, -5.51, -16.62
CIELCh	79, 17.508, 251.644
Yxy	55.5348, 0.2711, 0.2971
Android (android.graphics.Color)	4289186275 (0xFFA7C9E3)
YUV	193.7980, 16.3686, -23.5018
Hunter-Lab	74.5217, -9.0009, -12.0569

Details

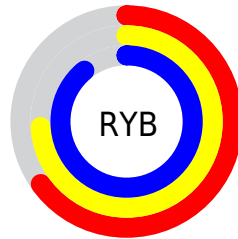
The XYZ color **50.6881, 55.5348, 80.7208** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.7243, 57.2612, 44.5707**, and the grayscale version is **51.0786, 53.7386, 58.5214**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **24.8195, 27.4234, 43.0148** is the 20% darker color. If you saturate the color by 10%, you get **44.0873, 48.8376, 79.7769**, and if you desaturate by 10%, it is **58.2809, 62.9641, 81.7555**.

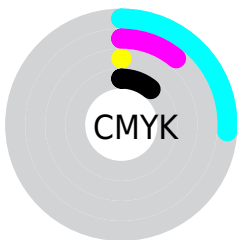
Distribution



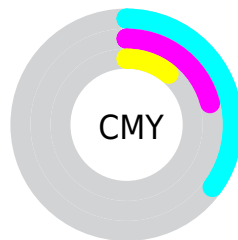
- Red (65%)
- Green (79%)
- Blue (89%)



- Red (65%)
- Yellow (74%)
- Blue (89%)



- Cyan (26%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (35%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6881, 55.5348, 80.7208 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 50.6881, 55.5348, 80.7208 by changing the saturation by 10% instead.

■ 50.6881, 55.5348,
80.7208

■ 50.6881, 55.5348,
80.7208

379.7584,
407.9360, 517.1294

■ 36.1805, 39.8301,
59.7820

■ 90.3793, 98.3241,
136.1992

■ 24.7444, 27.4061,
42.8188

■ 116.2936,
126.1774, 171.5759

■ 16.0144, 17.8784,
29.4126

146.7408,
158.8491, 212.6024

■ 9.6253, 10.8627,
19.1449

182.0863,
196.7234, 259.6971

■ 5.2116, 5.9746,
11.5972

222.6955,
240.1849, 313.2786

■ 2.4080, 2.8296,
6.3508

268.9337,

■ 0.8491, 1.0435,

289.6179, 373.7654

2.9873

321.1662,
345.4068, 441.5762

■ 0.0000, 0.0000,
1.0882

■ 0.0000, 0.0000,
0.0000

■ 50.6881, 55.5348,
80.7208

■ 50.6881, 55.5348,
80.7208

■ 44.0873, 48.8376,
79.7769

■ 58.2809, 62.9641,
81.7555

■ 38.4266, 42.8376,
78.9172

■ 66.9040, 71.1451,
82.8801

■ 33.6570, 37.5068,
78.1396

■ 76.5998, 80.1048,
84.0985

■ 29.7224, 32.8119,
77.4408

■ 86.3679, 89.3313,
85.3646

■ 26.5597, 28.7161,
76.8169

■ 89.3481, 95.2916,
86.3580

■ 24.0957, 25.1768,
76.2636

■ 90.8653, 98.3261,
86.8637

■ 22.2386, 22.1422,
75.7758

■ 21.6684, 21.1524,
75.6148

Harmonies

Analogous

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



47.9018, 55.5348, 74.2360



50.6881, 55.5348, 80.7208



54.1574, 55.5348, 81.4327

Triad

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



50.6881, 55.5348, 80.7208



59.6708, 55.5348, 56.6518



48.4272, 55.5348, 47.1490

Complementary

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



50.6881, 55.5348, 80.7208



57.7243, 57.2612, 44.5707

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.



51.4343, 55.5348, 43.4508



50.6881, 55.5348, 80.7208



57.9875, 55.5348, 48.5170

Square

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



50.6881, 55.5348, 80.7208



59.4492, 55.5348, 66.7585



54.9372, 55.5348, 43.9222



46.6369, 55.5348, 54.5855

Rectangle

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



50.6881, 55.5348, 80.7208



56.4030, 55.5348, 78.4518



54.9372, 55.5348, 43.9222



49.3235, 55.5348, 45.4667

Sweetspot

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



50.6898, 55.5370, 80.7221



85.1837, 90.8235, 107.6488



52.9210, 66.9605, 60.0059



17.8574, 19.0863, 22.9928



0.0000, 0.0000, 0.0000



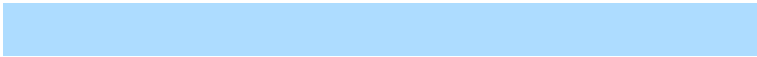
20.3446, 21.4041, 23.3091

Same Dimension

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



50.6898, 55.5370, 80.7221



60.8717, 67.1489, 104.3605



44.5553, 43.2680, 78.6772



14.2573, 15.2359, 18.3337



12.7550, 12.5721, 44.1376



1.0345, 1.1129, 3.2923

Inverse Universe

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



56.0413, 48.1868, 61.6080



69.1314, 56.4492, 74.7144



64.7759, 71.3645, 46.9212



14.7174, 14.5042, 16.7124



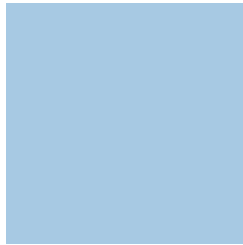
20.8317, 10.4669, 13.2743



1.5858, 0.7920, 1.2253

Previews

White Background



This preview shows how the XYZ color 50.6881, 55.5348, 80.7208 looks on a white background.

Color Contrast Check

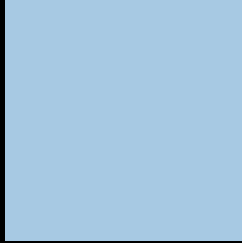
Large Text (above 18pt) WCAG AA × Fail

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 50.6881, 55.5348, 80.7208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

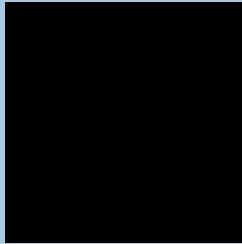
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

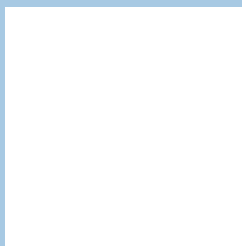
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6881, 55.5348, 80.7208

Background



This preview shows how black text looks on a background with the XYZ color 50.6881, 55.5348, 80.7208.



This preview shows how white text looks on a background with the XYZ color 50.6881, 55.5348,

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

50.6881, 55.5348, 80.7208

Protanopia

54.5726, 55.5644, 77.6608

Deuteranopia

56.3268, 55.0609, 81.7878



Tritanopia

49.4238, 55.3549, 75.0975

Trichromacy



Original Color

50.6881, 55.5348, 80.7208

Protanomaly

52.9492, 55.3816, 78.4200

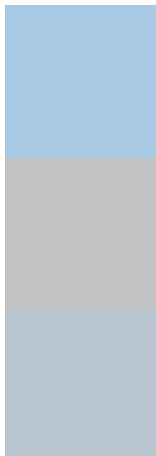
Deuteranomaly

54.0122, 55.1964, 81.2060

Tritanomaly

50.0312, 55.6220, 77.2064

Monochromacy



Original Color

50.6881, 55.5348, 80.7208

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.8740, 54.5791, 66.2460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6881, 55.5348, 80.7208 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, 201, 227)` looks like.

```
.text, #text, p{  
    color:rgb(167, 201, 227)  
}
```

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, 201, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 201, 227) }
```

Border

The CSS property to change the border of an element to XYZ 50.6881, 55.5348, 80.7208 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, 201, 227) }
```


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

```
.border{ border-color:rgb(167, 201, 227) }
```

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

Here you see how a box with a 4 pixel rgb(167, 201, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 201, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 201, 227);  
box-shadow:4px 4px 4px 4px rgb(167, 201,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6881, 55.5348, 80.7208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 201, 227) }
```

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

```
.background{ background-color: rgb(167,  
201, 227) }
```

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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