

Converting Colors

XYZ(52.9030, 61.5222, 79.8925)

Have a look what the booklet for
XYZ(52.9030, 61.5222, 79.8925)
contains.

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Color

**XYZ(52.8110, 61.3675,
79.5827)**

Conversions

Conversions Part 1

Format	Color
Hex	A4D6E0
RGB	164, 214, 224
RGB Percent	64%, 84%, 88%
CMY	0.3569, 0.1608, 0.1216
CMYK	0.27, 0.04, 0.00, 0.12
HSL	190°, 49%, 76%
HSV	190°, 27%, 88%
XYZ	52.8110, 61.3675, 79.5827
YIQ	200.1900, -33.0100, -7.4900

Conversions

Conversions Part 2

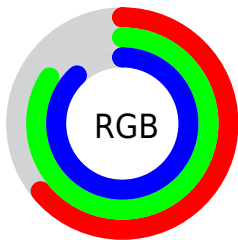
Format	Color
RYB	164, 191, 224
Decimal	10802912
CIELab	82.58, -13.84, -10.20
CIElCh	83, 17.193, 216.380
Yxy	61.3675, 0.2726, 0.3167
Android (android.graphics.Color)	4288992992 (0xFFA4D6E0)
YUV	200.1900, 11.7383, -31.7386
Hunter-Lab	78.3374, -16.7551, -5.3963

Details

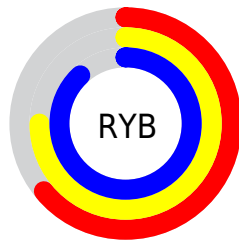
The XYZ color **52.8110, 61.3675, 79.5827** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.5781, 48.8002, 41.7716**, and the grayscale version is **54.9628, 57.8251, 62.9715**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **25.9900, 30.9758, 42.1452** is the 20% darker color. If you saturate the color by 10%, you get **47.6558, 57.3251, 79.0752**, and if you desaturate by 10%, it is **58.8057, 65.8779, 80.1384**.

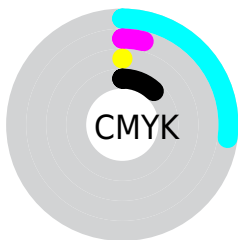
Distribution



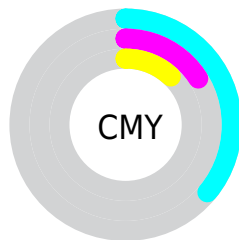
- Red (64%)
- Green (84%)
- Blue (88%)



- Red (64%)
- Yellow (75%)
- Blue (88%)



- Cyan (27%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (36%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8110, 61.3675, 79.5827 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 52.8110, 61.3675, 79.5827 by changing the saturation by 10% instead.

■ 52.8110, 61.3675,
79.5827

■ 52.8110, 61.3675,
79.5827

387.8323,
429.6202, 513.1950

■ 37.8788, 44.5218,
58.8509

■ 93.4934, 106.8109,
134.5850

■ 26.0654, 31.0810,
42.0739

■ 119.9742,
136.1773, 169.6925

■ 17.0055, 20.6605,
28.8331

151.0354,
170.4862, 210.4290

■ 10.3338, 12.8761,
18.7101

187.0421,
210.1219, 257.2130

■ 5.6848, 7.3433,
11.2863

228.3598,
255.4687, 310.4631

■ 2.6932, 3.6777,
6.1432

275.3538,

■ 0.9937, 1.4949,

306.9111, 370.5977

2.8621

328.3896,
364.8335, 438.0355

■ 0.0000, 0.2852,
1.0247

■ 0.0000, 0.0000,
0.0000

■ 52.8110, 61.3675,
79.5827

■ 52.8110, 61.3675,
79.5827

■ 47.6558, 57.3251,
79.0752

■ 58.8057, 65.8779,
80.1384

■ 43.2917, 53.7209,
78.6095

■ 65.6741, 70.8695,
80.7398

■ 39.6738, 50.5331,
78.1849

■ 73.4552, 76.3641,
81.3903

■ 36.7504, 47.7349,
77.7988

■ 82.1839, 82.3801,
82.0914

■ 34.4628, 45.2956,
77.4486

■ 83.7393, 84.7310,
82.4632

■ 32.7426, 43.1800,
77.1309

■ 84.8052, 86.8627,
82.8185

■ 31.5019, 41.3423,
76.8416

■ 85.8935, 89.0394,
83.1813

■ 31.1566, 40.7857,
76.7523

■ 87.0044, 91.2613,
83.5516

■ 88.1381, 93.5286,
83.9295

Harmonies

Analogous

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



51.5703, 61.3675, 69.0974



52.8110, 61.3675, 79.5827



55.5367, 61.3675, 87.1736

Triad

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



52.8110, 61.3675, 79.5827



65.0589, 61.3675, 75.2776



57.5447, 61.3675, 48.6241

Complementary

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



52.8110, 61.3675, 79.5827



52.5781, 48.8002, 41.7716

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.



61.2113, 61.3675, 49.9081



52.8110, 61.3675, 79.5827



65.6515, 61.3675, 64.5908

Square

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



52.8110, 61.3675, 79.5827



62.6293, 61.3675, 84.5109



64.2164, 61.3675, 55.4982



54.2282, 61.3675, 51.7861

Rectangle

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



52.8110, 61.3675, 79.5827



57.8820, 61.3675, 89.1687



64.2164, 61.3675, 55.4982



58.7762, 61.3675, 48.5552

Sweetspot

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



52.8128, 61.3700, 79.5841



86.8642, 94.1845, 108.2089



49.5096, 64.2222, 49.3233



18.2821, 19.9358, 23.1344



0.0000, 0.0000, 0.0000



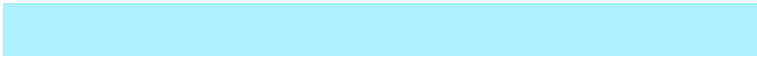
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8128, 61.3700, 79.5841



66.9470, 79.2996, 106.3856



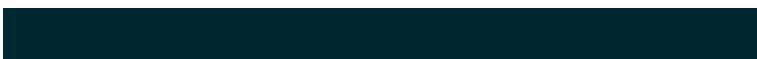
46.1147, 47.9737, 77.3514



13.9120, 15.1632, 17.5812



18.2081, 23.8858, 44.6991



1.3144, 1.7603, 3.1157

Inverse Universe

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



56.1550, 47.2548, 69.7825



72.1979, 57.6758, 90.8626



58.7984, 61.2408, 43.8450



14.1918, 13.8944, 16.7802



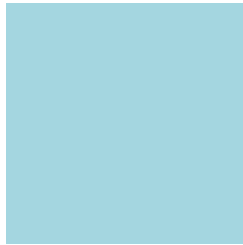
23.1308, 11.3193, 28.4184



1.6297, 0.7952, 2.1089

Previews

White Background



This preview shows how the XYZ color 52.8110, 61.3675, 79.5827 looks on a white background.

Color Contrast Check

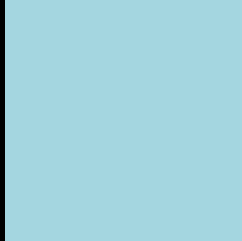
Large Text (above 18pt) WCAG AA × Fail

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 52.8110, 61.3675, 79.5827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

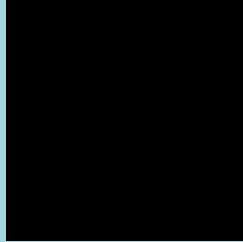
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8110, 61.3675, 79.5827

Background



This preview shows how black text looks on a background with the XYZ color 52.8110, 61.3675, 79.5827.

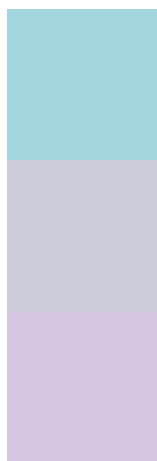


This preview shows how white text looks on a background with the XYZ color 52.8110, 61.3675,

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

52.8110, 61.3675, 79.5827

Protanopia

59.4246, 61.2268, 75.0156

Deuteranopia

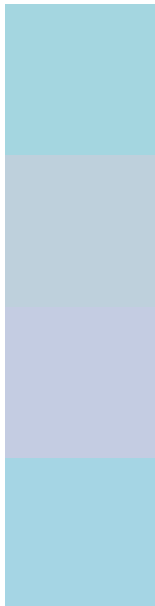
62.3129, 60.8400, 81.1321



Tritanopia

53.5942, 61.3010, 83.8705

Trichromacy



Original Color

52.8110, 61.3675, 79.5827

Protanomaly

56.7093, 61.2262, 76.5391

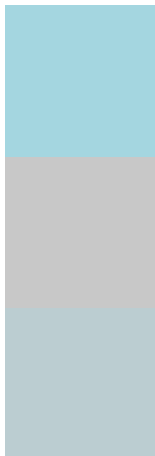
Deuteranomaly

58.0853, 60.4125, 80.5509

Tritanomaly

53.3149, 61.1893, 82.3995

Monochromacy



Original Color

52.8110, 61.3675, 79.5827

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.8335, 58.8309, 68.8398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8110, 61.3675, 79.5827 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(164, 214, 224)` looks like.

```
.text, #text, p{  
    color:rgb(164, 214, 224)  
}
```

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(164, 214, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 214, 224) }
```

Border

The CSS property to change the border of an element to XYZ 52.8110, 61.3675, 79.5827 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(164, 214, 224) }
```


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

```
.border{ border-color:rgb(164, 214, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 214, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 214, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 214, 224);  
box-shadow:4px 4px 4px 4px rgb(164, 214,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8110, 61.3675, 79.5827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 214, 224) }
```

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

```
.background{ background-color: rgb(164,  
214, 224) }
```

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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