

Converting Colors

XYZ(53.4240, 61.4822, 80.5520)

Have a look what the booklet for
XYZ(53.4240, 61.4822, 80.5520)
contains.

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Color

**XYZ(53.5735, 61.7449,
80.3285)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D6E1
RGB	167, 214, 225
RGB Percent	65%, 84%, 88%
CMY	0.3451, 0.1608, 0.1176
CMYK	0.26, 0.05, 0.00, 0.12
HSL	191°, 49%, 77%
HSV	191°, 26%, 88%
XYZ	53.5735, 61.7449, 80.3285
YIQ	201.2010, -31.5430, -6.5430

Conversions

Conversions Part 2

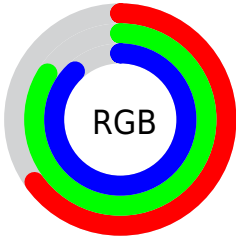
Format	Color
RYB	167, 193, 225
Decimal	10999521
CIELab	82.78, -12.74, -10.41
CIELCh	83, 16.455, 219.250
Yxy	61.7449, 0.2738, 0.3156
Android (android.graphics.Color)	4289189601 (0xFFA7D6E1)
YUV	201.2010, 11.7329, -29.9943
Hunter-Lab	78.5779, -15.8122, -5.6063

Details

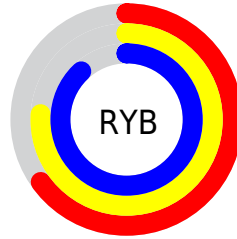
The XYZ color **53.5735, 61.7449, 80.3285** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.9474, 50.6386, 43.4913**, and the grayscale version is **55.5870, 58.4818, 63.6867**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **26.4639, 31.2093, 42.6594** is the 20% darker color. If you saturate the color by 10%, you get **48.1623, 57.3749, 79.7712**, and if you desaturate by 10%, it is **59.8436, 66.6028, 80.9367**.

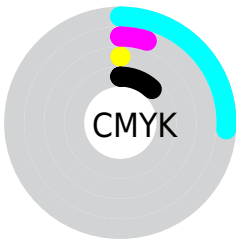
Distribution



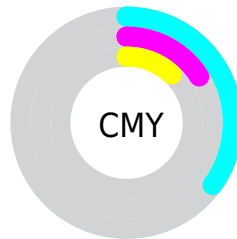
- Red (65%)
- Green (84%)
- Blue (88%)



- Red (65%)
- Yellow (76%)
- Blue (88%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)




- Cyan (35%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5735, 61.7449, 80.3285 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 53.5735, 61.7449, 80.3285 by changing the saturation by 10% instead.


 53.5735, 61.7449,
80.3285


 53.5735, 61.7449,
80.3285


390.7065,
431.0000, 515.7751

 38.4901, 44.8266,
59.4610


 94.6083, 107.3568,
135.6431

 26.5422, 31.3209,
42.5618


 121.2904,
136.8191, 170.9271

 17.3645, 20.8433,
29.2126


152.5695,
171.2316, 211.8538

 10.5916, 13.0095,
18.9948

188.8109,
210.9786, 258.8417

 5.8582, 7.4351,
11.4897

230.3799,
256.4446, 312.3092

 2.7989, 3.7357,
6.2790

277.6419,

 1.0483, 1.5268,

308.0139, 372.6749

2.9439

330.9623,
366.0708, 440.3574

■ 0.0000, 0.3075,
1.0661

■ 0.0000, 0.0000,
0.0000

■ 53.5735, 61.7449,
80.3285

■ 53.5735, 61.7449,
80.3285

■ 48.1623, 57.3749,
79.7712

■ 59.8436, 66.6028,
80.9367

■ 43.5615, 53.4628,
79.2586

■ 67.0071, 71.9619,
81.5936

■ 39.7260, 49.9865,
78.7898

■ 75.1031, 77.8445,
82.3023

■ 36.6040, 46.9191,
78.3623

■ 83.4261, 83.8869,
83.0300

■ 34.1370, 44.2301,
77.9732

■ 84.6353, 86.3053,
83.4330

■ 32.2568, 41.8839,
77.6195

■ 85.8738, 88.7823,
83.8458

■ 30.8794, 39.8371,
77.2970

■ 87.1418, 91.3183,
84.2685

■ 30.3883, 39.0313,
77.1673

■ 88.4395, 93.9137,
84.7011

■ 89.7671, 96.5689,
85.1436

Harmonies

Analogous

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



52.2237, 61.7449, 70.4110



53.5735, 61.7449, 80.3285



56.3088, 61.7449, 87.1491

Triad

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



53.5735, 61.7449, 80.3285



65.2825, 61.7449, 74.3730



57.5997, 61.7449, 49.7717

Complementary

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



53.5735, 61.7449, 80.3285



53.9474, 50.6386, 43.4913

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.



61.1306, 61.7449, 50.6034



53.5735, 61.7449, 80.3285



65.6621, 61.7449, 64.1457

Square

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



53.5735, 61.7449, 80.3285



63.0980, 61.7449, 83.4779



64.1153, 61.7449, 55.6384



54.4859, 61.7449, 53.2398

Rectangle

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



53.5735, 61.7449, 80.3285



58.5976, 61.7449, 88.6586



64.1153, 61.7449, 55.6384



58.7758, 61.7449, 49.5660

Sweetspot

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



53.5753, 61.7474, 80.3299



86.7174, 93.8910, 108.1600



50.8618, 65.2667, 51.8450



18.2449, 19.8614, 23.1220



0.0000, 0.0000, 0.0000



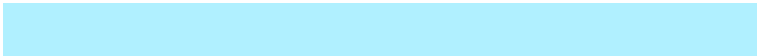
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5753, 61.7474, 80.3299



67.1066, 78.7711, 106.2752



46.9539, 48.5045, 78.1228



13.8841, 15.1074, 17.5719



17.5923, 22.6541, 44.4938



1.2770, 1.6855, 3.1033

Inverse Universe

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



57.0091, 48.5014, 69.9782



72.4854, 58.5830, 89.9342



60.2516, 63.2469, 45.5927



14.1777, 13.8887, 16.7061



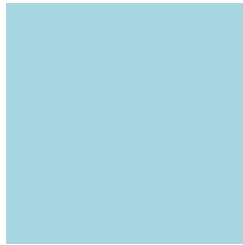
22.8200, 11.1950, 26.7814



1.6108, 0.7876, 2.0095

Previews

White Background



This preview shows how the XYZ color 53.5735, 61.7449, 80.3285 looks on a white background.

Color Contrast Check

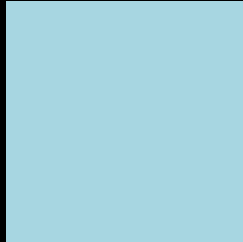
Large Text (above 18pt) WCAG AA × Fail

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 53.5735, 61.7449, 80.3285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

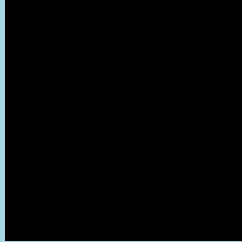
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5735, 61.7449, 80.3285

Background



This preview shows how black text looks on a background with the XYZ color 53.5735, 61.7449, 80.3285.



This preview shows how white text looks on a background with the XYZ color 53.5735, 61.7449,

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

53.5735, 61.7449, 80.3285

Protanopia

59.5559, 61.2793, 75.7070

Deuteranopia

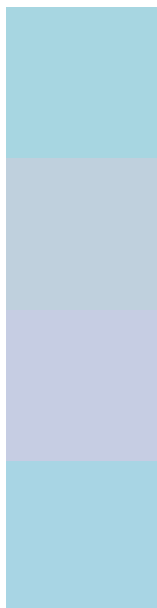
62.6822, 61.3571, 81.9382



Tritanopia

54.2256, 61.6265, 83.9000

Trichromacy



Original Color

53.5735, 61.7449, 80.3285

Protanomaly

57.0929, 61.4086, 77.2505

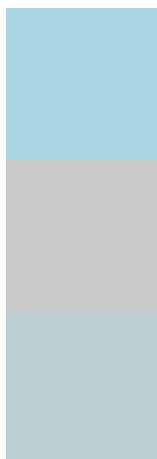
Deuteranomaly

58.9852, 61.2145, 81.3798

Tritanomaly

53.9463, 61.5148, 82.4291

Monochromacy



Original Color

53.5735, 61.7449, 80.3285

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.6904, 59.6146, 69.5970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5735, 61.7449, 80.3285 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, 214, 225)` looks like.

```
.text, #text, p{  
    color:rgb(167, 214, 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(167, 214, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 214, 225) }
```

Border

The CSS property to change the border of an element to XYZ 53.5735, 61.7449, 80.3285 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, 214, 225) }
```


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

```
.border{ border-color:rgb(167, 214, 225) }
```

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

Here you see how a box with a 4 pixel rgb(167, 214, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 214, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 214, 225);  
box-shadow:4px 4px 4px 4px rgb(167, 214,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5735, 61.7449, 80.3285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 214, 225) }
```

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

```
.background{ background-color: rgb(167,  
214, 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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