

Converting Colors

XYZ(54.6620, 65.9977, 77.9303)

Have a look what the booklet for
XYZ(54.6620, 65.9977, 77.9303)
contains.

XYZ(54.5431, 65.7823, 78.2291)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.5431, 65.7823,
78.2291)**

Conversions

Conversions Part 1

Format	Color
Hex	A3DFDD
RGB	163, 223, 221
RGB Percent	64%, 87%, 87%
CMY	0.3608, 0.1255, 0.1333
CMYK	0.27, 0.00, 0.01, 0.13
HSL	178°, 48%, 76%
HSV	178°, 27%, 87%
XYZ	54.5431, 65.7823, 78.2291
YIQ	204.8320, -35.1180, -13.3420

Conversions

Conversions Part 2

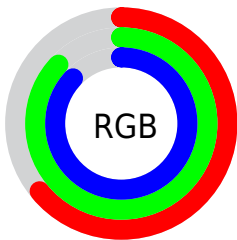
Format	Color
RYB	163, 194, 223
Decimal	10739677
CIELab	84.89, -19.35, -5.19
CIELCh	85, 20.034, 195.011
Yxy	65.7823, 0.2747, 0.3313
Android (android.graphics.Color)	4288929757 (0xFFA3DFDD)
YUV	204.8320, 7.9708, -36.6867
Hunter-Lab	81.1063, -21.8967, -0.4123

Details

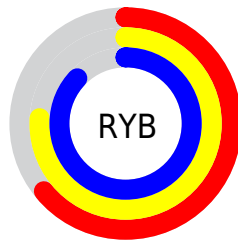
The XYZ color **54.5431, 65.7823, 78.2291** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.3225, 44.6009, 41.5566**, and the grayscale version is **57.8901, 60.9048, 66.3254**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **27.1922, 34.0096, 41.2077** is the 20% darker color. If you saturate the color by 10%, you get **50.2752, 63.5952, 77.5142**, and if you desaturate by 10%, it is **59.6204, 68.3899, 78.9870**.

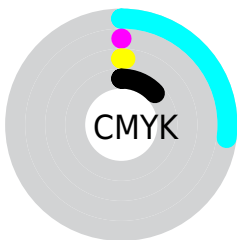
Distribution



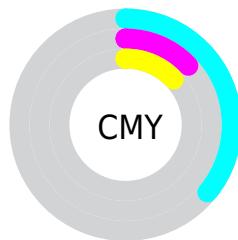
- Red (64%)
- Green (87%)
- Blue (87%)



- Red (64%)
- Yellow (76%)
- Blue (87%)



- Cyan (27%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)





- Cyan (36%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5431, 65.7823, 78.2291 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 54.5431, 65.7823, 78.2291 by changing the saturation by 10% instead.


 54.5431, 65.7823,
78.2291


 54.5431, 65.7823,
78.2291


394.3423,
445.5979, 508.4930

 39.2684, 48.0957,
57.7446


 96.0234, 113.1738,
132.6618

 27.1503, 33.9027,
41.1900


 122.9598,
143.6475, 167.4472

 17.8233, 22.8188,
28.1468

154.5141,
179.1524, 207.8366

 10.9221, 14.4598,
18.1963

191.0517,
220.0728, 254.2485

 6.0814, 8.4412,
10.9201

232.9380,
266.7932, 307.1016

 2.9358, 4.3785,
5.8997

280.5383,

 1.1199, 1.8875,

319.6979, 366.8144

2.7164

334.2179,
379.1713, 433.8053

■ 0.0417, 0.5408,
0.9516

■ 0.0000, 0.0000,
0.0000

■ 54.5431, 65.7823,
78.2291

■ 54.5431, 65.7823,
78.2291

■ 50.2752, 63.5952,
77.5142

■ 59.6204, 68.3899,
78.9870

■ 46.7686, 61.7989,
76.8358

■ 65.5406, 71.4304,
79.7852

■ 43.9791, 60.3722,
76.1932

■ 72.3421, 74.9251,
80.6270

■ 41.8556, 59.2888,
75.5842

■ 80.0595, 78.8919,
81.5140

40.3402, 58.5188,
75.0058

81.1816, 79.4587,
82.0946

39.3652, 58.0273,
74.4550

81.2833, 79.4994,
82.6297

38.8429, 57.7692,
73.9277

81.3853, 79.5402,
83.1672

38.7268, 57.7128,
73.7671

81.4878, 79.5812,
83.7071

81.5908, 79.6224,
84.2492

Harmonies

Analogous

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



54.5423, 65.7823, 65.4135



54.5431, 65.7823, 78.2291



56.6114, 65.7823, 90.5942

Triad

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



54.5431, 65.7823, 78.2291



68.8373, 65.7823, 90.5864



64.7859, 65.7823, 50.2796

Complementary

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



54.5431, 65.7823, 78.2291



50.3225, 44.6009, 41.5566

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.



68.8348, 65.7823, 55.5090



54.5431, 65.7823, 78.2291



71.2489, 65.7823, 78.2194

Square

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



54.5431, 65.7823, 78.2291



64.7892, 65.7823, 98.2888



71.2480, 65.7823, 65.4048



60.3124, 65.7823, 50.2816

Rectangle

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



54.5431, 65.7823, 78.2291



58.9440, 65.7823, 96.4819



71.2480, 65.7823, 65.4048



66.2463, 65.7823, 51.4535

Sweetspot

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



54.5450, 65.7850, 78.2306



87.8296, 96.2904, 107.9909



48.7265, 63.5294, 44.3460



18.5271, 20.4704, 23.0788



0.0000, 0.0000, 0.0000



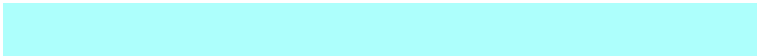
20.3446, 21.4041, 23.3091

Same Dimension

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



54.5450, 65.7850, 78.2306



70.6967, 87.4957, 105.4876



48.1655, 52.5963, 77.4285



14.0958, 15.5640, 17.5396



22.7786, 33.9363, 43.4184



1.5852, 2.3548, 3.0427

Inverse Universe

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



50.3225, 44.6009, 41.5566



64.1091, 54.4403, 48.2675



55.4581, 55.1615, 42.3761



13.7257, 13.7079, 14.3256



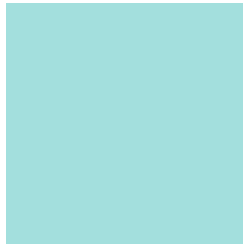
17.9254, 9.2371, 1.0068



1.2491, 0.6429, 0.1047

Previews

White Background



This preview shows how the XYZ color 54.5431, 65.7823, 78.2291 looks on a white background.

Color Contrast Check

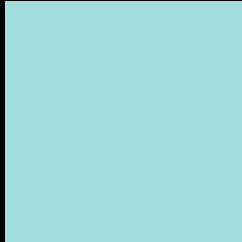
Large Text (above 18pt) WCAG AA × Fail

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 54.5431, 65.7823, 78.2291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

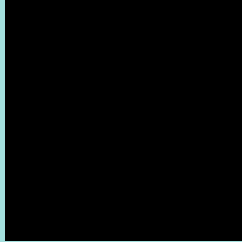
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5431, 65.7823, 78.2291

Background



This preview shows how black text looks on a background with the XYZ color 54.5431, 65.7823, 78.2291.

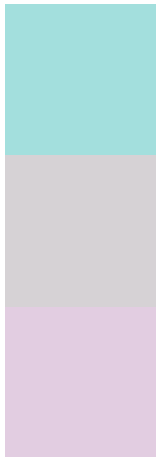


This preview shows how white text looks on a background with the XYZ color 54.5431, 65.7823,

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

54.5431, 65.7823, 78.2291

Protanopia

62.7884, 65.1934, 72.2251

Deuteranopia

66.7860, 65.2676, 80.3121



Tritanopia

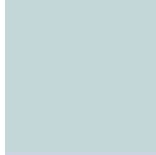
56.9622, 65.5749, 90.5439

Trichromacy



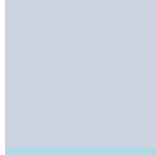
Original Color

54.5431, 65.7823, 78.2291



Protanomaly

59.2008, 65.1608, 74.4228



Deuteranomaly

61.6266, 65.1653, 79.8511



Tritanomaly

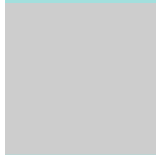
56.1478, 65.6461, 86.0556

Monochromacy



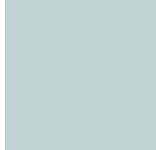
Original Color

54.5431, 65.7823, 78.2291



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

56.5366, 62.7373, 70.7577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5431, 65.7823, 78.2291 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(163, 223, 221)` looks like.

```
.text, #text, p{  
    color:rgb(163, 223, 221)  
}
```

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(163, 223, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 223, 221) }
```

Border

The CSS property to change the border of an element to XYZ 54.5431, 65.7823, 78.2291 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(163, 223, 221) }
```


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

```
.border{ border-color:rgb(163, 223, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 223, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 223, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 223, 221);  
box-shadow:4px 4px 4px 4px rgb(163, 223,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5431, 65.7823, 78.2291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 223, 221) }
```

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

```
.background{ background-color: rgb(163,  
223, 221) }
```

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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