

Converting Colors

XYZ(53.9854, 62.6490, 80.6722)

Have a look what the booklet for
XYZ(53.9854, 62.6490, 80.6722)
contains.

XYZ(54.0828, 62.7635, 80.4983)	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(54.0828, 62.7635,
80.4983)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D8E1
RGB	167, 216, 225
RGB Percent	65%, 85%, 88%
CMY	0.3451, 0.1529, 0.1176
CMYK	0.26, 0.04, 0.00, 0.12
HSL	189°, 49%, 77%
HSV	189°, 26%, 88%
XYZ	54.0828, 62.7635, 80.4983
YIQ	202.3750, -32.0930, -7.5890

Conversions

Conversions Part 2

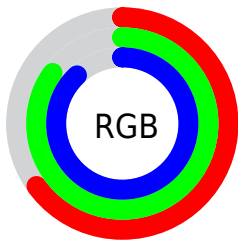
Format	Color
RYB	167, 194, 225
Decimal	11000033
CIELab	83.32, -13.77, -9.61
CIELCh	83, 16.787, 214.909
Yxy	62.7635, 0.2741, 0.3180
Android (android.graphics.Color)	4289190113 (0xFFA7D8E1)
YUV	202.3750, 11.1541, -31.0239
Hunter-Lab	79.2234, -16.7859, -4.7877

Details

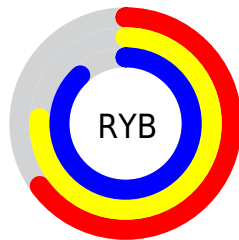
The XYZ color **54.0828, 62.7635, 80.4983** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.5524, 49.8484, 43.3596**, and the grayscale version is **56.3215, 59.2546, 64.5283**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **26.8106, 31.9027, 42.7750** is the 20% darker color. If you saturate the color by 10%, you get **48.8525, 58.7553, 80.0013**, and if you desaturate by 10%, it is **60.1628, 67.2411, 81.0432**.

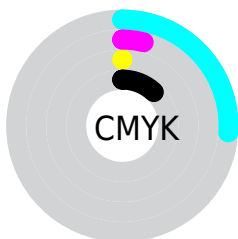
Distribution



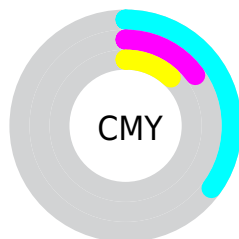
- Red (65%)
- Green (85%)
- Blue (88%)



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



- Cyan (26%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (35%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0828, 62.7635, 80.4983 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 54.0828, 62.7635, 80.4983 by changing the saturation by 10% instead.

■ 54.0828, 62.7635,
80.4983

■ 54.0828, 62.7635,
80.4983

392.6189,
434.7107, 516.3615

■ 38.8988, 45.6499,
59.5999

■ 95.3520, 108.8282,
135.8838

■ 26.8614, 31.9696,
42.6730

■ 122.1679,
138.5482, 171.2080

■ 17.6052, 21.3383,
29.2992

153.5918,
173.2390, 212.1779

■ 10.7649, 13.3715,
19.0597

189.9891,
213.2852, 259.2120

■ 5.9751, 7.6849,
11.5362

231.7250,
259.0710, 312.7289

■ 2.8704, 3.8940,
6.3100

279.1651,

■ 1.0856, 1.6144,

310.9810, 373.1471

2.9627

332.6746,
369.3994, 440.8851

■ 0.0130, 0.3673,
1.0756

■ 0.0000, 0.0000,
0.0000

■ 54.0828, 62.7635,
80.4983

■ 54.0828, 62.7635,
80.4983

■ 48.8525, 58.7553,
80.0013

■ 60.1628, 67.2411,
81.0432

■ 44.4234, 55.1866,
79.5460

■ 67.1267, 72.2012,
81.6335

■ 40.7505, 52.0355,
79.1313

■ 75.0137, 77.6656,
82.2726

■ 37.7821, 49.2754,
78.7550

■ 83.1181, 83.2709,
82.9273

■ 35.4598, 46.8758,
78.4142

■ 84.0990, 85.2328,
83.2543

■ 33.7156, 44.8015,
78.1058

■ 85.0995, 87.2337,
83.5878

■ 32.4655, 43.0091,
77.8257

■ 86.1197, 89.2741,
83.9279

■ 32.0255, 42.3056,
77.7131

■ 87.1596, 91.3539,
84.2745

■ 88.2194, 93.4736,
84.6278

Harmonies

Analogous

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



52.9323, 62.7635, 70.0733



54.0828, 62.7635, 80.4983



56.7281, 62.7635, 88.2049

Triad

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



54.0828, 62.7635, 80.4983



66.2389, 62.7635, 77.2210



59.0562, 62.7635, 50.2060

Complementary

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



54.0828, 62.7635, 80.4983



53.5524, 49.8484, 43.3596

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.



62.6806, 62.7635, 51.7048



54.0828, 62.7635, 80.4983



66.9237, 62.7635, 66.6331

Square

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



54.0828, 62.7635, 80.4983



63.7618, 62.7635, 86.1816



65.5970, 62.7635, 57.4699



55.7281, 62.7635, 53.1461

Rectangle

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



54.0828, 62.7635, 80.4983



59.0343, 62.7635, 90.3768



65.5970, 62.7635, 57.4699



60.2797, 62.7635, 50.2105

Sweetspot

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



54.0847, 62.7660, 80.4997



86.9378, 94.3316, 108.2335



50.6695, 65.1898, 50.8324



18.3007, 19.9731, 23.1406



0.0000, 0.0000, 0.0000



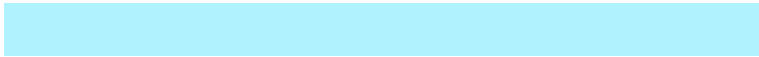
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0847, 62.7660, 80.4997



67.9152, 80.3883, 106.5447



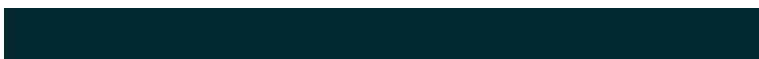
47.3622, 49.3211, 78.2589



13.9260, 15.1911, 17.5859



18.5245, 24.5186, 44.8046



1.3335, 1.7985, 3.1221

Inverse Universe

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



57.2662, 48.6042, 71.3320



72.8935, 58.7463, 92.0834



59.7872, 62.3180, 45.4379



14.1989, 13.8972, 16.8174



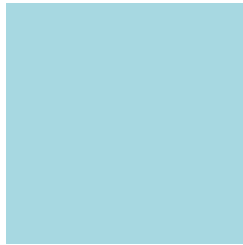
23.2905, 11.3832, 29.2594



1.6393, 0.7990, 2.1596

Previews

White Background



This preview shows how the XYZ color 54.0828, 62.7635, 80.4983 looks on a white background.

Color Contrast Check

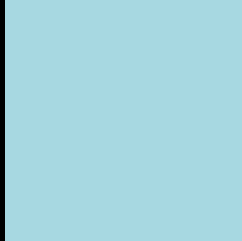
Large Text (above 18pt) WCAG AA × Fail

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 54.0828, 62.7635, 80.4983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

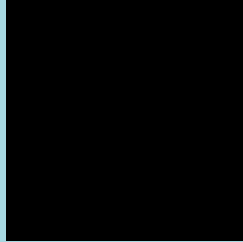
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0828, 62.7635, 80.4983

Background



This preview shows how black text looks on a background with the XYZ color 54.0828, 62.7635, 80.4983.

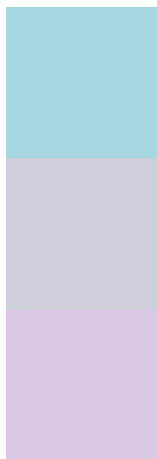


This preview shows how white text looks on a background with the XYZ color 54.0828, 62.7635,

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

54.0828, 62.7635, 80.4983

Protanopia

60.5896, 62.5225, 75.8925

Deuteranopia

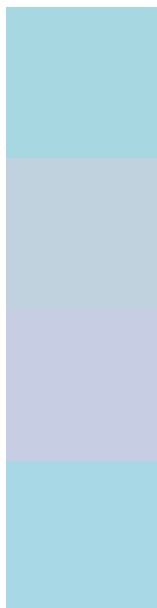
63.5055, 62.1264, 82.0433



Tritanopia

55.2281, 62.8621, 85.5667

Trichromacy



Original Color

54.0828, 62.7635, 80.4983

Protanomaly

57.8360, 62.5201, 77.4259

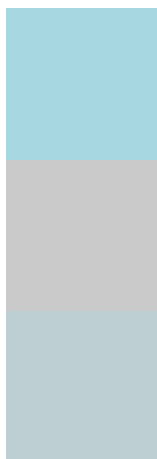
Deuteranomaly

59.4896, 61.8308, 81.4721

Tritanomaly

54.5917, 62.5829, 83.3311

Monochromacy



Original Color

54.0828, 62.7635, 80.4983

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.9319, 60.0976, 69.6775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0828, 62.7635, 80.4983 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, 216, 225)` looks like.

```
.text, #text, p{  
    color:rgb(167, 216, 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, 216, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 216, 225) }
```

Border

The CSS property to change the border of an element to XYZ 54.0828, 62.7635, 80.4983 is called "border". The border property can be set on classes, ids or directly on the HTML element.

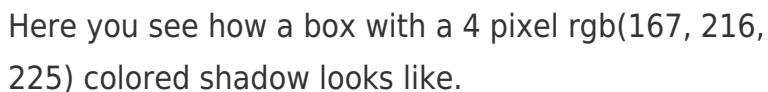
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 216, 225) }
```


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

```
.border{ border-color:rgb(167, 216, 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, 216, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 216, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 216, 225);  
box-shadow:4px 4px 4px 4px rgb(167, 216,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0828, 62.7635, 80.4983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 216, 225) }
```

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

```
.background{ background-color: rgb(167,  
216, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor