

Converting Colors

XYZ(54.8983, 62.1629, 76.8780)

Have a look what the booklet for
XYZ(54.8983, 62.1629, 76.8780)
contains.

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Color

**XYZ(54.8440, 62.1029,
76.8066)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D5DC
RGB	177, 213, 220
RGB Percent	69%, 84%, 86%
CMY	0.3059, 0.1647, 0.1372
CMYK	0.20, 0.03, 0.00, 0.14
HSL	190°, 38%, 78%
HSV	190°, 20%, 86%
XYZ	54.8440, 62.1029, 76.8066
YIQ	203.0340, -23.7030, -5.4550

Conversions

Conversions Part 2

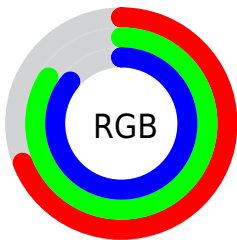
Format	Color
RYB	177, 197, 220
Decimal	11654620
CIELab	82.97, -10.32, -7.40
CIELCh	83, 12.704, 215.638
Yxy	62.1029, 0.2831, 0.3205
Android (android.graphics.Color)	4289844700 (0xFFB1D5DC)
YUV	203.0340, 8.3642, -22.8318
Hunter-Lab	78.8054, -13.6838, -2.6224

Details

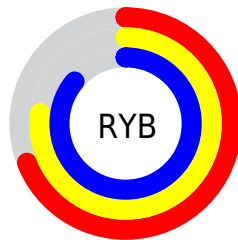
The XYZ color **54.8440, 62.1029, 76.8066** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.5921, 52.6711, 48.8855**, and the grayscale version is **56.7474, 59.7026, 65.0162**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **27.3306, 31.4554, 40.2283** is the 20% darker color. If you saturate the color by 10%, you get **49.3412, 57.9456, 76.2952**, and if you desaturate by 10%, it is **61.1782, 66.7215, 77.3652**.

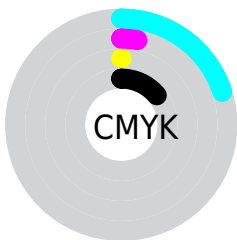
Distribution



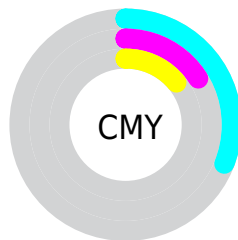
- Red (69%)
- Green (84%)
- Blue (86%)



- Red (69%)
- Yellow (77%)
- Blue (86%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (31%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8440, 62.1029, 76.8066 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 54.8440, 62.1029, 76.8066 by changing the saturation by 10% instead.

■ 54.8440, 62.1029,
76.8066

■ 54.8440, 62.1029,
76.8066

395.4664,
432.3063, 503.5245

■ 39.5102, 45.1159,
56.5835

■ 96.4620, 107.8742,
130.6370

■ 27.3394, 31.5487,
40.2638

123.4769,
137.4273, 165.0813

■ 17.9662, 21.0170,
27.4290

155.1162,
171.9379, 205.1032

■ 11.0252, 13.1364,
17.6604

191.7453,
211.7903, 251.1212

■ 6.1512, 7.5226,
10.5395

233.7295,
257.3689, 303.5538

■ 2.9788, 3.7910,
5.6479

281.4342,

■ 1.1426, 1.5574,

309.0582, 362.8195

2.5669

335.2247,
367.2426, 429.3369

■ 0.0603, 0.3286,
0.8753

■ 0.0000, 0.0000,
0.0000

■ 54.8440, 62.1029,
76.8066

■ 54.8440, 62.1029,
76.8066

■ 49.3412, 57.9456,
76.2952

■ 61.1782, 66.7215,
77.3652

■ 44.6255, 54.2217,
75.8250

■ 68.3745, 71.8127,
77.9687

■ 40.6568, 50.9121,
75.3953

■ 76.4686, 77.3966,
78.6198

■ 37.3893, 47.9929,
75.0041

■ 81.7164, 81.5432,
79.1436

■ 34.7717, 45.4376,
74.6488

■ 82.7077, 83.5258,
79.4741

■ 32.7460, 43.2159,
74.3267

■ 83.7194, 85.5493,
79.8113

■ 31.2431, 41.2921,
74.0346

■ 84.7518, 87.6141,
80.1554

■ 30.1472, 39.6062,
73.7670

■ 85.8049, 89.7203,
80.5065

■ 30.1007, 39.5319,
73.7551

■ 86.8789, 91.8683,
80.8645

Harmonies

Analogous

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



53.9330, 62.1029, 69.1141



54.8440, 62.1029, 76.8066



56.8782, 62.1029, 82.3317

Triad

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



54.8440, 62.1029, 76.8066



63.9624, 62.1029, 74.0427



58.5104, 62.1029, 53.6758

Complementary

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



54.8440, 62.1029, 76.8066



54.5921, 52.6711, 48.8855

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.



61.2291, 62.1029, 54.7734



54.8440, 62.1029, 76.8066



64.4320, 62.1029, 66.1466

Square

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



54.8440, 62.1029, 76.8066



62.1532, 62.1029, 80.6515



63.4173, 62.1029, 59.1959



56.0073, 62.1029, 56.0729

Rectangle

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



54.8440, 62.1029, 76.8066



58.6268, 62.1029, 83.8242



63.4173, 62.1029, 59.1959



59.4289, 62.1029, 53.6506

Sweetspot

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



54.8458, 62.1054, 76.8080



88.8543, 95.6345, 108.3839



52.3200, 63.9723, 54.6373



18.8799, 20.3712, 23.1869



0.0000, 0.0000, 0.0000



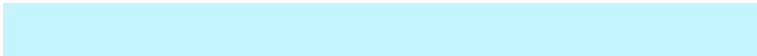
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8458, 62.1054, 76.8080



73.6966, 84.5838, 107.0498



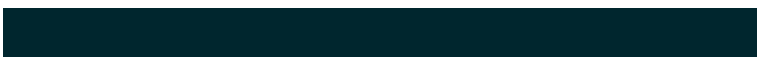
49.9116, 52.2370, 75.1633



13.2551, 14.4499, 16.7426



17.7350, 23.3394, 43.3086



1.1981, 1.6104, 2.8221

Inverse Universe

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



57.2491, 51.4655, 69.8701



77.6101, 67.5184, 95.6935



59.2715, 62.0299, 50.4453



13.5186, 13.2365, 15.9923



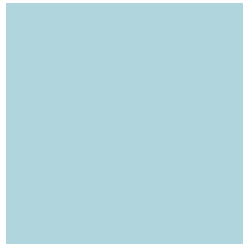
22.4471, 10.9799, 27.7983



1.4791, 0.7213, 1.9316

Previews

White Background



This preview shows how the XYZ color 54.8440, 62.1029, 76.8066 looks on a white background.

Color Contrast Check

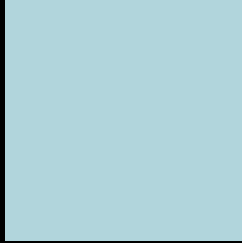
Large Text (above 18pt) WCAG AA × Fail

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 54.8440, 62.1029, 76.8066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

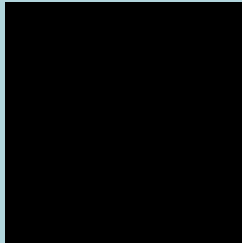
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

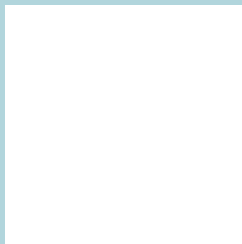
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8440, 62.1029, 76.8066

Background



This preview shows how black text looks on a background with the XYZ color 54.8440, 62.1029, 76.8066.

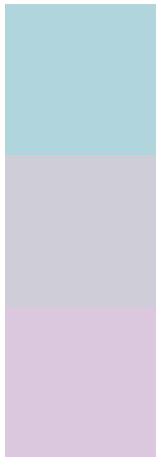


This preview shows how white text looks on a background with the XYZ color 54.8440, 62.1029,

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

54.8440, 62.1029, 76.8066

Protanopia

59.8292, 61.8343, 73.0719

Deuteranopia

63.1870, 61.6963, 78.3903



Tritanopia

56.2767, 62.3278, 83.1931

Trichromacy



Original Color

54.8440, 62.1029, 76.8066

Protanomaly

57.8452, 61.8573, 74.5365

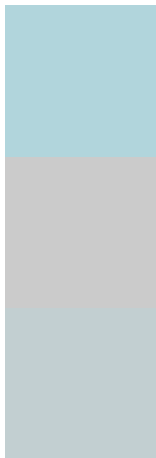
Deuteranomaly

59.9180, 61.7739, 77.8728

Tritanomaly

55.6310, 62.0429, 80.9949

Monochromacy



Original Color

54.8440, 62.1029, 76.8066

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.0696, 60.6984, 69.0824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8440, 62.1029, 76.8066 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(177, 213, 220)` looks like.

```
.text, #text, p{  
    color:rgb(177, 213, 220)  
}
```

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(177, 213, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 213, 220) }
```

Border

The CSS property to change the border of an element to XYZ 54.8440, 62.1029, 76.8066 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(177, 213, 220) }
```


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

```
.border{ border-color:rgb(177, 213, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 213, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 213, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 213, 220);  
box-shadow:4px 4px 4px 4px rgb(177, 213,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8440, 62.1029, 76.8066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 213, 220) }
```

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

```
.background{ background-color: rgb(177,  
213, 220) }
```

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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