

Converting Colors

XYZ(54.8820, 62.0827, 78.4221)

Have a look what the booklet for
XYZ(54.8820, 62.0827, 78.4221)
contains.

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Color

**XYZ(54.8836, 62.0925,
78.1996)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D5DE
RGB	176, 213, 222
RGB Percent	69%, 84%, 87%
CMY	0.3098, 0.1647, 0.1294
CMYK	0.21, 0.04, 0.00, 0.13
HSL	192°, 41%, 78%
HSV	192°, 21%, 87%
XYZ	54.8836, 62.0925, 78.1996
YIQ	202.9630, -24.9410, -5.0450

Conversions

Conversions Part 2

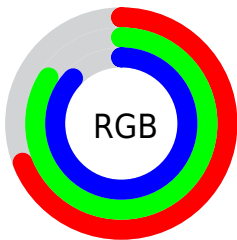
Format	Color
RYB	176, 197, 222
Decimal	11589086
CIELab	82.96, -10.20, -8.48
CIELCh	83, 13.266, 219.742
Yxy	62.0925, 0.2812, 0.3181
Android (android.graphics.Color)	4289779166 (0xFFB0D5DE)
YUV	202.9630, 9.3852, -23.6466
Hunter-Lab	78.7988, -13.5721, -3.6800

Details

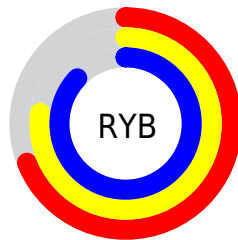
The XYZ color **54.8836, 62.0925, 78.1996** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.3103, 53.3624, 48.4605**, and the grayscale version is **56.6972, 59.6498, 64.9587**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **27.3703, 31.4547, 41.1880** is the 20% darker color. If you saturate the color by 10%, you get **49.1915, 57.5599, 77.6257**, and if you desaturate by 10%, it is **61.4295, 67.1119, 78.8244**.

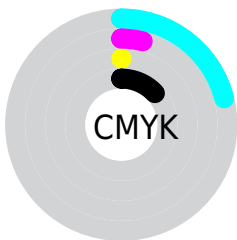
Distribution



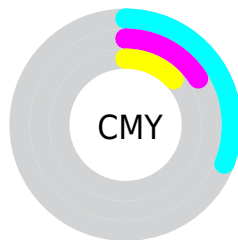
- Red (69%)
- Green (84%)
- Blue (87%)



- Red (69%)
- Yellow (77%)
- Blue (87%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (31%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8836, 62.0925, 78.1996 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 54.8836, 62.0925, 78.1996 by changing the saturation by 10% instead.

■ 54.8836, 62.0925,
78.1996

■ 54.8836, 62.0925,
78.1996

395.6141,
432.2684, 508.3903

■ 39.5420, 45.1074,
57.7205

■ 96.5197, 107.8592,
132.6199

■ 27.3643, 31.5421,
41.1708

123.5449,
137.4097, 167.3982

■ 17.9850, 21.0120,
28.1319

155.1954,
171.9173, 207.7800

■ 11.0388, 13.1327,
18.1852

191.8365,
211.7667, 254.1838

■ 6.1604, 7.5200,
10.9122

233.8336,
257.3421, 307.0282

■ 2.9845, 3.7894,
5.8944

281.5520,

■ 1.1456, 1.5565,

309.0279, 366.7317

2.7132

335.3570,
367.2085, 433.7129

■ 0.0627, 0.3280,
0.9501

■ 0.0000, 0.0000,
0.0000

■ 54.8836, 62.0925,
78.1996

■ 54.8836, 62.0925,
78.1996

■ 49.1915, 57.5599,
77.6257

■ 61.4295, 67.1119,
78.8244

■ 44.3076, 53.4854,
77.0967

■ 68.8610, 72.6300,
79.4979

■ 40.1903, 49.8488,
76.6118

■ 77.2152, 78.6678,
80.2230

■ 36.7921, 46.6254,
76.1687

■ 82.8258, 83.3357,
80.8282

■ 34.0598, 43.7873,
75.7649

■ 84.0520, 85.7880,
81.2370

■ 31.9328, 41.3029,
75.3975

■ 85.3085, 88.3010,
81.6558

■ 30.3387, 39.1346,
75.0630

■ 86.5955, 90.8750,
82.0848

■ 29.2207, 37.3455,
74.7765

■ 87.9133, 93.5106,
82.5241

■ 89.2621, 96.2081,
82.9736

Harmonies

Analogous

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



53.7549, 62.0925, 70.3119



54.8836, 62.0925, 78.1996



57.1310, 62.0925, 83.5075

Triad

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



54.8836, 62.0925, 78.1996



64.3349, 62.0925, 73.2165



58.0902, 62.0925, 53.2267

Complementary

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



54.8836, 62.0925, 78.1996



55.3103, 53.3624, 48.4605

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.



60.9442, 62.0925, 53.8670



54.8836, 62.0925, 78.1996



64.6119, 62.0925, 64.9747

Square

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



54.8836, 62.0925, 78.1996



62.6078, 62.0925, 80.4731



63.3530, 62.0925, 58.0191



55.5663, 62.0925, 56.1931

Rectangle

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



54.8836, 62.0925, 78.1996



58.9923, 62.0925, 84.6353



63.3530, 62.0925, 58.0191



59.0418, 62.0925, 53.0332

Sweetspot

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



54.8854, 62.0950, 78.2010



88.6961, 95.3182, 108.3312



52.7243, 64.9527, 55.3456



18.8425, 20.2963, 23.1744



0.0000, 0.0000, 0.0000



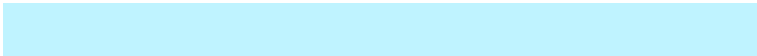
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8854, 62.0950, 78.2010



71.5091, 82.1494, 106.6952



49.6271, 51.5783, 76.4482



13.8769, 15.0929, 17.5695



17.4354, 22.3404, 44.4415



1.2675, 1.6664, 3.1001

Inverse Universe

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



57.6613, 51.3859, 69.8330



76.0322, 65.0735, 92.9760



60.3798, 63.5013, 50.1504



14.1741, 13.8873, 16.6868



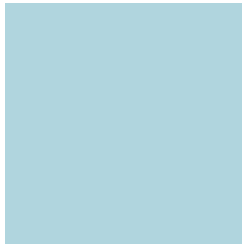
22.7408, 11.1633, 26.3645



1.6060, 0.7857, 1.9841

Previews

White Background



This preview shows how the XYZ color 54.8836, 62.0925, 78.1996 looks on a white background.

Color Contrast Check

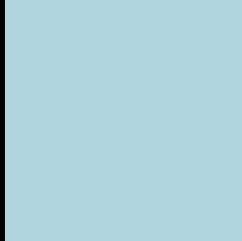
Large Text (above 18pt) WCAG AA × Fail

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 54.8836, 62.0925, 78.1996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

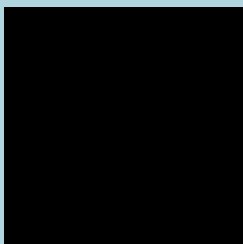
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

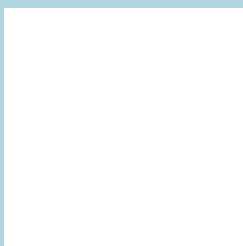
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8836, 62.0925, 78.1996

Background



This preview shows how black text looks on a background with the XYZ color 54.8836, 62.0925, 78.1996.

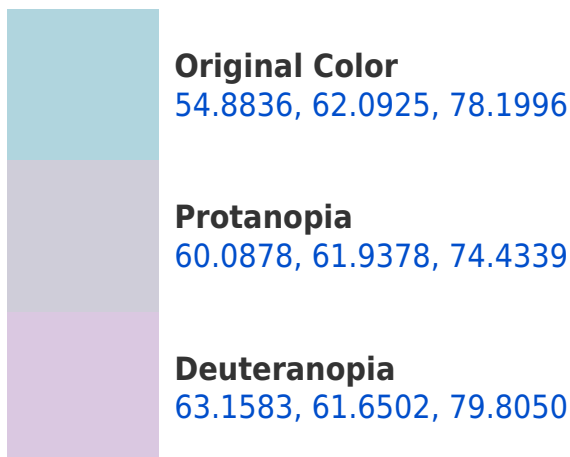


This preview shows how white text looks on a background with the XYZ color 54.8836, 62.0925,

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

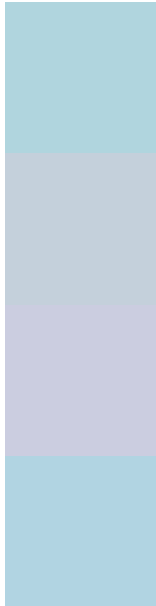




Tritanopia

55.8178, 62.0912, 83.1716

Trichromacy



Original Color

54.8836, 62.0925, 78.1996

Protanomaly

58.1070, 61.9620, 75.9151

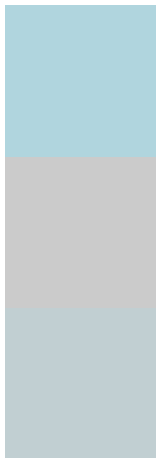
Deuteranomaly

59.9145, 61.7410, 79.2804

Tritanomaly

55.4024, 61.9251, 80.9842

Monochromacy



Original Color

54.8836, 62.0925, 78.1996

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.9380, 60.6162, 69.7246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8836, 62.0925, 78.1996 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(176, 213, 222)` looks like.

```
.text, #text, p{  
    color:rgb(176, 213, 222)  
}
```

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(176, 213, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 213, 222) }
```

Border

The CSS property to change the border of an element to XYZ 54.8836, 62.0925, 78.1996 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(176, 213, 222) }
```


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

```
.border{ border-color:rgb(176, 213, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 213, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 213, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 213, 222);  
box-shadow:4px 4px 4px 4px rgb(176, 213,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8836, 62.0925, 78.1996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 213, 222) }
```

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

```
.background{ background-color: rgb(176,  
213, 222) }
```

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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