

Converting Colors

XYZ(54.1673, 64.5458, 77.9791)

Have a look what the booklet for
XYZ(54.1673, 64.5458, 77.9791)
contains.

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Color

**XYZ(54.1614, 64.4062,
77.9836)**

Conversions

Conversions Part 1

Format	Color
Hex	A5DCDD
RGB	165, 220, 221
RGB Percent	65%, 86%, 87%
CMY	0.3529, 0.1372, 0.1333
CMYK	0.25, 0.00, 0.00, 0.13
HSL	181°, 45%, 76%
HSV	181°, 25%, 87%
XYZ	54.1614, 64.4062, 77.9836
YIQ	203.6690, -33.1010, -11.3490

Conversions

Conversions Part 2

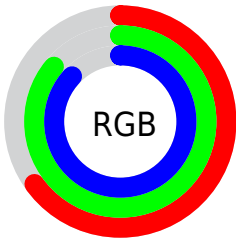
Format	Color
R _{YB}	165, 193, 221
Decimal	10869981
CIE Lab	84.18, -17.27, -6.22
CIE LCh	84, 18.356, 199.817
Yxy	64.4062, 0.2756, 0.3277
Android (android.graphics.Color)	4289060061 (0xFFA5DCDD)
YUV	203.6690, 8.5442, -33.9127
Hunter-Lab	80.2535, -19.9776, -1.4356

Details

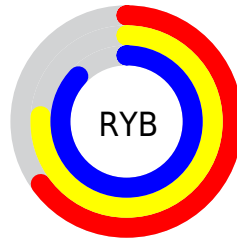
The XYZ color **54.1614, 64.4062, 77.9836** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.2472, 45.3615, 41.7060**, and the grayscale version is **57.1499, 60.1262, 65.4774**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **26.8936, 33.0429, 41.0369** is the 20% darker color. If you saturate the color by 10%, you get **49.8533, 62.0338, 77.7538**, and if you desaturate by 10%, it is **59.2678, 67.1938, 78.2536**.

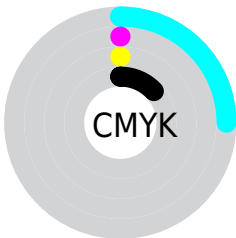
Distribution



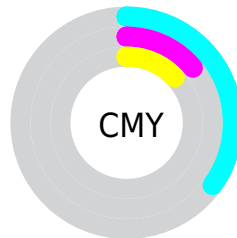
- Red (65%)
- Green (86%)
- Blue (87%)



- Red (65%)
- Yellow (76%)
- Blue (87%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)





- Cyan (35%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1614, 64.4062, 77.9836 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 54.1614, 64.4062, 77.9836 by changing the saturation by 10% instead.


 54.1614, 64.4062,
77.9836


 54.1614, 64.4062,
77.9836


392.9135,
440.6550, 507.6376

 38.9619, 46.9797,
57.5441


 95.4667, 111.1957,
132.3127

 26.9107, 33.0196,
41.0300


 122.3032,
141.3276, 167.0393

 17.6424, 22.1415,
28.0227


153.7494,
176.4634, 207.3655

 10.7917, 13.9609,
18.1035

190.1707,
216.9875, 253.7097

 5.9932, 8.0935,
10.8541

231.9324,
263.2843, 306.4905

 2.8816, 4.1548,
5.8559

279.3998,

 1.0914, 1.7605,

315.7382, 366.1263

2.6903

332.9384,
374.7337, 433.0359

■ 0.0179, 0.4624,
0.9385

■ 0.0000, 0.0000,
0.0000

■ 54.1614, 64.4062,
77.9836

■ 54.1614, 64.4062,
77.9836

■ 49.8533, 62.0338,
77.7538

■ 59.2678, 67.1938,
78.2536

■ 46.2971, 60.0477,
77.5579

■ 65.2047, 70.4083,
78.5611

■ 43.4500, 58.4275,
77.3952

■ 72.0096, 74.0706,
78.9094

■ 41.2630, 57.1480,
77.2635

■ 79.7158, 78.1979,
79.2999

39.6806, 56.1805,
77.1602

80.4052, 78.7082,
79.3620

38.6385, 55.4919,
77.0822

80.5098, 78.9175,
79.3969

38.0575, 55.0414,
77.0259

80.6147, 79.1272,
79.4319

37.8812, 54.8803,
77.0040

80.7198, 79.3375,
79.4669

80.8252, 79.5482,
79.5020

Harmonies

Analogous

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



53.8493, 64.4062, 66.2484



54.1614, 64.4062, 77.9836



56.3158, 64.4062, 88.6333

Triad

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



54.1614, 64.4062, 77.9836



67.3763, 64.4062, 85.5656



62.6068, 64.4062, 50.3428

Complementary

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



54.1614, 64.4062, 77.9836



50.2472, 45.3615, 41.7060

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.



66.3928, 64.4062, 54.3953



54.1614, 64.4062, 77.9836



69.2261, 64.4062, 74.1550

Square

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



54.1614, 64.4062, 77.9836



63.9011, 64.4062, 93.3348



68.8584, 64.4062, 62.8174



58.6075, 64.4062, 51.1260

Rectangle

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



54.1614, 64.4062, 77.9836



58.5619, 64.4062, 93.2757



68.8584, 64.4062, 62.8174



63.9494, 64.4062, 51.1656

Sweetspot

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



54.1633, 64.4088, 77.9851



87.8232, 96.1026, 108.5286



48.2515, 62.4641, 45.5593



18.5255, 20.4226, 23.2155



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.



54.1633, 64.4088, 77.9851



71.8520, 87.3981, 107.6903



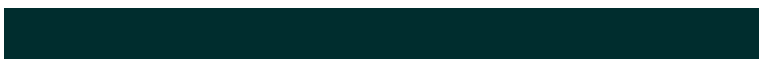
47.4337, 50.9497, 75.7419



13.4240, 14.7877, 16.7989



22.0149, 31.8993, 44.7353



1.4327, 2.0796, 2.9003

Inverse Universe

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



56.1937, 47.4512, 73.9104



75.0915, 60.4327, 101.1690



55.8884, 56.6439, 43.5864



13.6039, 13.2706, 16.4412



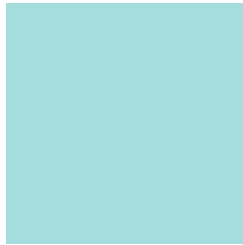
24.6075, 11.8440, 39.1744



1.5975, 0.7686, 2.5551

Previews

White Background



This preview shows how the XYZ color 54.1614, 64.4062, 77.9836 looks on a white background.

Color Contrast Check

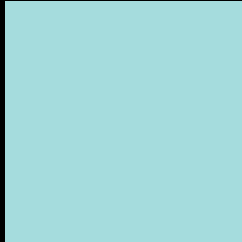
Large Text (above 18pt) WCAG AA × Fail

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 54.1614, 64.4062, 77.9836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

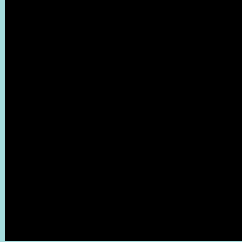
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1614, 64.4062, 77.9836

Background



This preview shows how black text looks on a background with the XYZ color 54.1614, 64.4062, 77.9836.

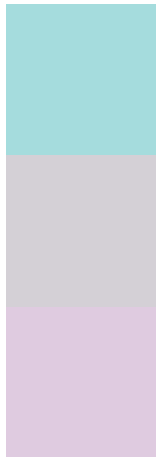


This preview shows how white text looks on a background with the XYZ color 54.1614, 64.4062,

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

54.1614, 64.4062, 77.9836

Protanopia

61.8449, 63.9638, 72.7050

Deuteranopia

65.2419, 63.7817, 79.3935



Tritanopia

56.2152, 64.4658, 88.0775

Trichromacy



Original Color

54.1614, 64.4062, 77.9836

Protanomaly

58.5735, 63.6988, 74.8536

Deuteranomaly

60.4769, 63.4852, 78.8784

Tritanomaly

55.5508, 64.5917, 84.4025

Monochromacy



Original Color

54.1614, 64.4062, 77.9836

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.9147, 61.6935, 69.9338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1614, 64.4062, 77.9836 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(165, 220, 221)` looks like.

```
.text, #text, p{  
    color:rgb(165, 220, 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(165, 220, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 220, 221) }
```

Border

The CSS property to change the border of an element to XYZ 54.1614, 64.4062, 77.9836 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(165, 220, 221) }
```


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

```
.border{ border-color:rgb(165, 220, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 220, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 220, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 220, 221);  
box-shadow:4px 4px 4px 4px rgb(165, 220,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1614, 64.4062, 77.9836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 220, 221) }
```

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

```
.background{ background-color: rgb(165,  
220, 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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