

Converting Colors

XYZ(54.4186, 64.2241, 77.3594)

Have a look what the booklet for
XYZ(54.4186, 64.2241, 77.3594)
contains.

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Color

**XYZ(54.3982, 64.1552,
77.2262)**

Conversions

Conversions Part 1

Format	Color
Hex	A8DBDC
RGB	168, 219, 220
RGB Percent	66%, 86%, 86%
CMY	0.3412, 0.1412, 0.1372
CMYK	0.24, 0.00, 0.00, 0.14
HSL	181°, 43%, 76%
HSV	181°, 24%, 86%
XYZ	54.3982, 64.1552, 77.2262
YIQ	203.8650, -30.7170, -10.5010

Conversions

Conversions Part 2

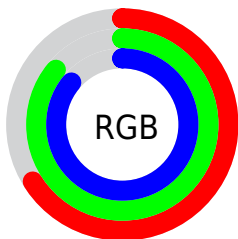
Format	Color
RYB	168, 194, 220
Decimal	11066332
CIELab	84.05, -16.10, -5.87
CIELCh	84, 17.139, 200.016
Yxy	64.1552, 0.2779, 0.3277
Android (android.graphics.Color)	4289256412 (0xFFA8DBDC)
YUV	203.8650, 7.9546, -31.4536
Hunter-Lab	80.0969, -18.9406, -1.0971

Details

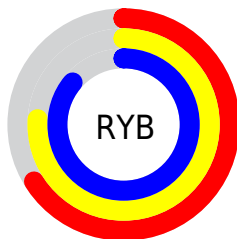
The XYZ color **54.3982, 64.1552, 77.2262** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.7716, 46.4188, 43.3307**, and the grayscale version is **57.2760, 60.2588, 65.6219**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **27.0064, 32.8449, 40.5136** is the 20% darker color. If you saturate the color by 10%, you get **49.9957, 61.7241, 76.9900**, and if you desaturate by 10%, it is **59.5971, 67.0006, 77.5025**.

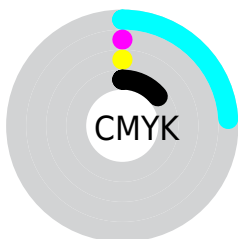
Distribution



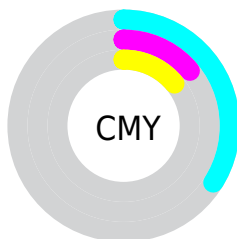
- Red (66%)
- Green (86%)
- Blue (86%)



- Red (66%)
- Yellow (76%)
- Blue (86%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (34%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3982, 64.1552, 77.2262 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 54.3982, 64.1552, 77.2262 by changing the saturation by 10% instead.

■ 54.3982, 64.1552,
77.2262

■ 54.3982, 64.1552,
77.2262

393.8003,
439.7499, 504.9930

■ 39.1520, 46.7764,
56.9259

■ 95.8121, 110.8344,
131.2347

■ 27.0593, 32.8589,
40.5368

■ 122.7106,
140.9036, 165.7799

■ 17.7546, 22.0184,
27.6403

154.2239,
175.9717, 205.9105

■ 10.8725, 13.8704,
17.8180

190.7174,
216.4232, 252.0450

■ 6.0479, 8.0306,
10.6513

232.5565,
262.6423, 304.6020

■ 2.9151, 4.1145,
5.7217

280.1064,

■ 1.1090, 1.7378,

315.0135, 363.9999

2.6106

333.7325,
373.9213, 430.6575

■ 0.0327, 0.4480,
0.8979

■ 0.0000, 0.0000,
0.0000

■ 54.3982, 64.1552,
77.2262

■ 54.3982, 64.1552,
77.2262

■ 49.9957, 61.7241,
76.9900

■ 59.5971, 67.0006,
77.5025

■ 46.3440, 59.6788,
76.7877

■ 65.6239, 70.2715,
77.8162

■ 43.4019, 57.9998,
76.6187

■ 72.5152, 73.9885,
78.1704

■ 41.1215, 56.6623,
76.4807

■ 79.9336, 77.9777,
78.5494

39.4493, 55.6387,
76.3713

80.0449, 78.2003,
78.5865

38.3234, 54.8971,
76.2875

80.1565, 78.4235,
78.6237

37.6687, 54.3989,
76.2258

80.2684, 78.6472,
78.6610

37.4188, 54.1681,
76.1945

80.3805, 78.8715,
78.6984

80.4930, 79.0964,
78.7358

Harmonies

Analogous

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



54.0938, 64.1552, 66.3059



54.3982, 64.1552, 77.2262



56.4241, 64.1552, 87.0539

Triad

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



54.3982, 64.1552, 77.2262



66.7198, 64.1552, 84.1063



62.2468, 64.1552, 51.2886

Complementary

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



54.3982, 64.1552, 77.2262



50.7716, 46.4188, 43.3307

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.



65.7698, 64.1552, 55.0836



54.3982, 64.1552, 77.2262



68.4219, 64.1552, 73.5267

Square

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



54.3982, 64.1552, 77.2262



63.5001, 64.1552, 91.3018



68.0672, 64.1552, 62.9668



58.5228, 64.1552, 52.0594

Rectangle

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



54.3982, 64.1552, 77.2262



58.5264, 64.1552, 91.3065



68.0672, 64.1552, 62.9668



63.4963, 64.1552, 52.0561

Sweetspot

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



54.4001, 64.1578, 77.2277



88.6761, 96.5522, 108.5704



48.8917, 62.3719, 46.9338



18.8687, 20.6056, 23.2327



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.



54.4001, 64.1578, 77.2277



73.0463, 88.0106, 107.7455



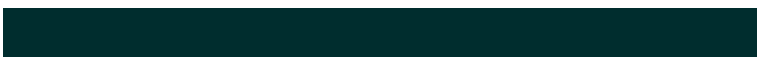
48.1673, 51.6922, 75.1501



13.4224, 14.7845, 16.7984



21.9704, 31.8103, 44.7204



1.4303, 2.0748, 2.8995

Inverse Universe

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



56.3055, 48.3367, 73.3832



76.1278, 62.5072, 101.5091



56.0694, 57.0144, 45.0966



13.6031, 13.2703, 16.4369



24.5850, 11.8350, 39.0561



1.5963, 0.7681, 2.5488

Previews

White Background



This preview shows how the XYZ color 54.3982, 64.1552, 77.2262 looks on a white background.

Color Contrast Check

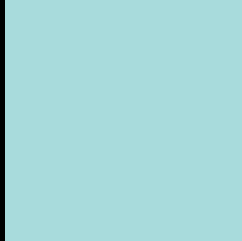
Large Text (above 18pt) WCAG AA × Fail

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 54.3982, 64.1552, 77.2262 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 54.3982, 64.1552, 77.2262

Background



This preview shows how black text looks on a background with the XYZ color 54.3982, 64.1552, 77.2262.



This preview shows how white text looks on a background with the XYZ color 54.3982, 64.1552,

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

54.3982, 64.1552, 77.2262

Protanopia

61.4301, 63.7647, 72.0209

Deuteranopia

65.1066, 63.7276, 78.6812



Tritanopia

56.4587, 64.2241, 87.2627

Trichromacy



Original Color

54.3982, 64.1552, 77.2262

Protanomaly

58.4438, 63.6469, 74.1705

Deuteranomaly

60.6139, 63.5714, 78.1830

Tritanomaly

55.7918, 64.3460, 83.6082

Monochromacy



Original Color

54.3982, 64.1552, 77.2262

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.9192, 61.3304, 69.8635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3982, 64.1552, 77.2262 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(168, 219, 220)` looks like.

```
.text, #text, p{  
    color:rgb(168, 219, 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(168, 219, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 219, 220) }
```

Border

The CSS property to change the border of an element to XYZ 54.3982, 64.1552, 77.2262 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(168, 219, 220) }
```


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

```
.border{ border-color:rgb(168, 219, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 219, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 219, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 219, 220);  
box-shadow:4px 4px 4px 4px rgb(168, 219,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3982, 64.1552, 77.2262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 219, 220) }
```

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

```
.background{ background-color: rgb(168,  
219, 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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