

Converting Colors

XYZ(54.5981, 63.7272, 82.1532)

Have a look what the booklet for
XYZ(54.5981, 63.7272, 82.1532)
contains.

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Color

**XYZ(54.6624, 63.7958,
82.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	A6DAE3
RGB	166, 218, 227
RGB Percent	65%, 85%, 89%
CMY	0.3490, 0.1451, 0.1098
CMYK	0.27, 0.04, 0.00, 0.11
HSL	189°, 52%, 77%
HSV	189°, 27%, 89%
XYZ	54.6624, 63.7958, 82.1059
YIQ	203.4780, -33.8810, -8.2250

Conversions

Conversions Part 2

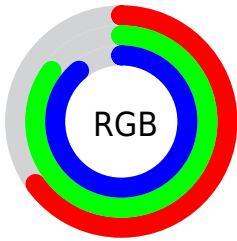
Format	Color
R _{YB}	166, 194, 227
Decimal	10935011
CIE _{Lab}	83.86, -14.63, -9.87
CIE _{LCh}	84, 17.644, 214.010
Yxy	63.7958, 0.2725, 0.3181
Android (android.graphics.Color)	4289125091 (0xFFA6DAE3)
YUV	203.4780, 11.5963, -32.8682
Hunter-Lab	79.8723, -17.6160, -5.0375

Details

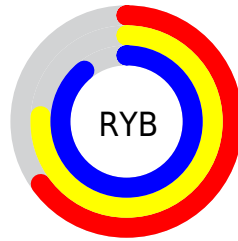
The XYZ color **54.6624, 63.7958, 82.1059** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.8923, 49.7445, 42.8390**, and the grayscale version is **57.0113, 59.9804, 65.3186**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **27.2257, 32.6177, 43.8906** is the 20% darker color. If you saturate the color by 10%, you get **49.4584, 59.8386, 81.6174**, and if you desaturate by 10%, it is **60.7276, 68.2262, 82.6424**.

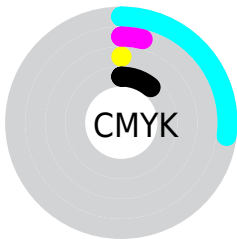
Distribution



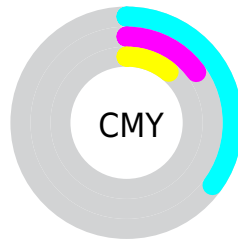
- Red (65%)
- Green (85%)
- Blue (89%)



- Red (65%)
- Yellow (76%)
- Blue (89%)



- Cyan (27%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)





- Cyan (35%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6624, 63.7958, 82.1059 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 54.6624, 63.7958, 82.1059 by changing the saturation by 10% instead.


 54.6624, 63.7958,
82.1059


 54.6624, 63.7958,
82.1059


394.7882,
438.4519, 521.8946

 39.3643, 46.4853,
60.9165


 96.1974, 110.3168,
138.1605

 27.2252, 32.6290,
43.7277


 123.1649,
140.2961, 173.8628

 17.8799, 21.8424,
30.1209


154.7529,
175.2671, 215.2398

 10.9630, 13.7411,
19.6775

191.3268,
215.6143, 262.7101

 6.1090, 7.9408,
11.9791

233.2519,
261.7219, 316.6922

 2.9528, 4.0571,
6.6071

280.8936,

 1.1288, 1.7056,

313.9745, 377.6046

3.1429

334.6173,
372.7563, 445.8659

■ 0.0490, 0.4273,
1.1681

■ 0.0000, 0.0000,
0.0000

■ 54.6624, 63.7958,
82.1059

■ 54.6624, 63.7958,
82.1059

■ 49.4584, 59.8386,
81.6174

■ 60.7276, 68.2262,
82.6424

■ 45.0656, 56.3239,
81.1705

■ 67.6894, 73.1434,
83.2246

■ 41.4377, 53.2292,
80.7644

■ 75.5879, 78.5699,
83.8557

■ 38.5212, 50.5268,
80.3965

■ 83.7926, 84.1807,
84.5063

■ 36.2554, 48.1854,
80.0640

■ 84.7409, 86.0773,
84.8224

■ 34.5695, 46.1681,
79.7635

■ 85.7073, 88.0100,
85.1445

■ 33.3722, 44.4279,
79.4907

■ 86.6917, 89.9789,
85.4727

■ 33.0501, 43.9156,
79.4088

■ 87.6945, 91.9844,
85.8069

■ 88.7155, 94.0265,
86.1473

Harmonies

Analogous

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



53.4974, 63.7958, 70.9671



54.6624, 63.7958, 82.1059



57.4267, 63.7958, 90.4817

Triad

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



54.6624, 63.7958, 82.1059



67.5888, 63.7958, 79.2476



60.1160, 63.7958, 50.2628

Complementary

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



54.6624, 63.7958, 82.1059



53.8923, 49.7445, 42.8390

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.



63.9627, 63.7958, 51.9805



54.6624, 63.7958, 82.1059



68.3829, 63.7958, 67.9799

Square

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



54.6624, 63.7958, 82.1059



64.9033, 63.7958, 88.7119



67.0297, 63.7958, 58.1891



56.5599, 63.7958, 53.2214

Rectangle

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



54.6624, 63.7958, 82.1059



59.8612, 63.7958, 92.9404



67.0297, 63.7958, 58.1891



61.4174, 63.7958, 50.3147

Sweetspot

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



54.6643, 63.7984, 82.1074



86.9866, 94.4293, 108.2497



50.8492, 66.1076, 50.1940



18.3131, 19.9978, 23.1447



0.0000, 0.0000, 0.0000



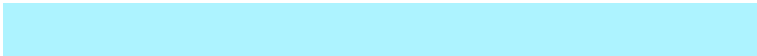
20.3446, 21.4041, 23.3091

Same Dimension

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



54.6643, 63.7984, 82.1074



67.4119, 80.2294, 106.5406



47.6540, 49.7778, 79.7706



14.6168, 15.9550, 18.4536



19.3422, 25.7464, 46.3333



1.4789, 2.0017, 3.4404

Inverse Universe

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



57.9712, 48.6668, 72.6707



72.4326, 57.7697, 92.0984



60.3064, 62.5728, 44.9771



14.8989, 14.5768, 17.6681



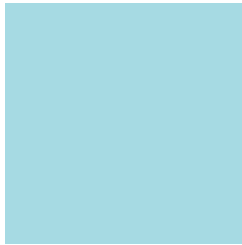
24.1565, 11.7968, 30.7830



1.8101, 0.8818, 2.4065

Previews

White Background



This preview shows how the XYZ color 54.6624, 63.7958, 82.1059 looks on a white background.

Color Contrast Check

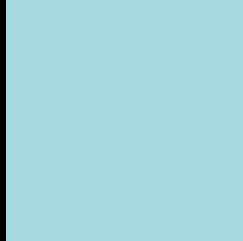
Large Text (above 18pt) WCAG AA × Fail

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 54.6624, 63.7958, 82.1059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

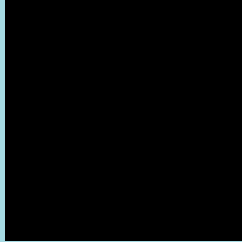
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6624, 63.7958, 82.1059

Background



This preview shows how black text looks on a background with the XYZ color 54.6624, 63.7958, 82.1059.

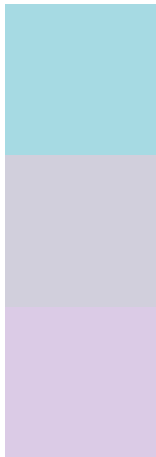


This preview shows how white text looks on a background with the XYZ color 54.6624, 63.7958,

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

54.6624, 63.7958, 82.1059

Protanopia

61.5256, 63.3483, 76.6948

Deuteranopia

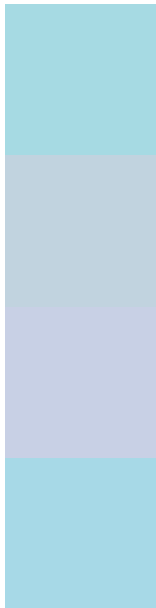
64.8523, 63.4851, 83.6987



Tritanopia

55.8126, 63.8911, 87.2325

Trichromacy



Original Color

54.6624, 63.7958, 82.1059

Protanomaly

58.6059, 63.2537, 78.9324

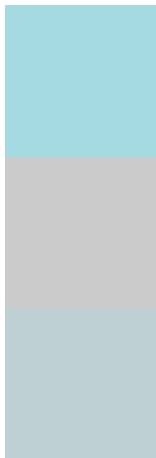
Deuteranomaly

60.5181, 63.0483, 83.1086

Tritanomaly

55.1730, 63.6107, 84.9715

Monochromacy



Original Color

54.6624, 63.7958, 82.1059

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.6747, 60.8124, 71.0909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6624, 63.7958, 82.1059 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(166, 218, 227)` looks like.

```
.text, #text, p{  
    color:rgb(166, 218, 227)  
}
```

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(166, 218, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 218, 227) }
```

Border

The CSS property to change the border of an element to XYZ 54.6624, 63.7958, 82.1059 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(166, 218, 227) }
```


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

```
.border{ border-color:rgb(166, 218, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 218, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 218, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 218, 227);  
box-shadow:4px 4px 4px 4px rgb(166, 218,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6624, 63.7958, 82.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 218, 227) }
```

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

```
.background{ background-color: rgb(166,  
218, 227) }
```

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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