

Converting Colors

XYZ(54.2910, 63.7755, 82.6775)

Have a look what the booklet for
XYZ(54.2910, 63.7755, 82.6775)
contains.

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Color

**XYZ(54.1793, 63.5308,
82.8059)**

Conversions

Conversions Part 1

Format	Color
Hex	A3DAE4
RGB	163, 218, 228
RGB Percent	64%, 85%, 89%
CMY	0.3608, 0.1451, 0.1059
CMYK	0.29, 0.04, 0.00, 0.11
HSL	189°, 55%, 77%
HSV	189°, 29%, 89%
XYZ	54.1793, 63.5308, 82.8059
YIQ	202.6950, -35.9900, -8.5500

Conversions

Conversions Part 2

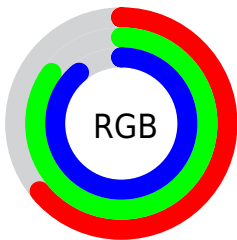
Format	Color
RYB	163, 193, 228
Decimal	10738404
CIELab	83.72, -15.26, -10.62
CIELCh	84, 18.592, 214.849
Yxy	63.5308, 0.2702, 0.3168
Android (android.graphics.Color)	4288928484 (0xFFA3DAE4)
YUV	202.6950, 12.4754, -34.8125
Hunter-Lab	79.7062, -18.1527, -5.8014

Details

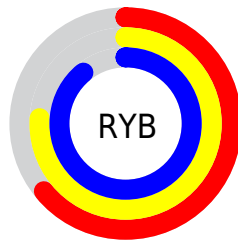
The XYZ color **54.1793, 63.5308, 82.8059** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.5502, 49.0260, 41.2924**, and the grayscale version is **56.5155, 59.4587, 64.7505**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **26.9467, 32.4627, 44.3809** is the 20% darker color. If you saturate the color by 10%, you get **49.0259, 59.5399, 82.3083**, and if you desaturate by 10%, it is **60.1973, 67.9992, 83.3523**.

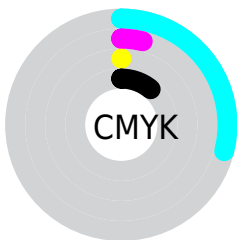
Distribution



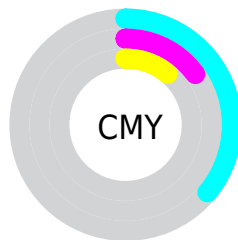
- Red (64%)
- Green (85%)
- Blue (89%)



- Red (64%)
- Yellow (76%)
- Blue (89%)



- Cyan (29%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)





- Cyan (36%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1793, 63.5308, 82.8059 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 54.1793, 63.5308, 82.8059 by changing the saturation by 10% instead.


 54.1793, 63.5308,
82.8059


 54.1793, 63.5308,
82.8059


392.9806,
437.4933, 524.2935

 38.9763, 46.2708,
61.4904


 95.4928, 109.9349,
139.1504

 26.9219, 32.4595,
44.1879

 122.3340,
139.8478, 175.0164

 17.6509, 21.7127,
30.4800


153.7853,
174.7471, 216.5697

 10.7978, 13.6460,
19.9481

190.2120,
215.0172, 264.2287

 5.9973, 7.8749,
12.1736

231.9796,
261.0424, 318.4120

 2.8841, 4.0150,
6.7380

279.4533,

 1.0928, 1.6819,

313.2073, 379.5383

3.2229

332.9985,
371.8961, 448.0259

■ 0.0191, 0.4119,
1.2095

■ 0.0000, 0.0000,
0.0000

■ 54.1793, 63.5308,
82.8059

■ 54.1793, 63.5308,
82.8059

■ 49.0259, 59.5399,
82.3083

■ 60.1973, 67.9992,
83.3523

■ 44.6861, 55.9952,
81.8528

■ 67.1163, 72.9592,
83.9450

■ 41.1121, 52.8735,
81.4386

■ 74.9772, 78.4337,
84.5873

■ 38.2489, 50.1463,
81.0631

■ 83.8170, 84.4419,
85.2811

■ 36.0338, 47.7811,
80.7233

■ 85.1065, 86.5870,
85.6272

■ 34.3928, 45.7395,
80.4158

■ 86.1236, 88.6211,
85.9662

■ 33.2173, 43.9654,
80.1353

■ 87.1605, 90.6950,
86.3119

■ 33.0589, 43.7117,
80.0947

■ 88.2175, 92.8090,
86.6642

■ 89.2947, 94.9633,
87.0233

Harmonies

Analogous

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



52.9082, 63.5308, 71.0886



54.1793, 63.5308, 82.8059



57.1148, 63.5308, 91.5405

Triad

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



54.1793, 63.5308, 82.8059



67.7582, 63.5308, 79.1566



59.7242, 63.5308, 49.1367

Complementary

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



54.1793, 63.5308, 82.8059



53.5502, 49.0260, 41.2924

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.



63.7759, 63.5308, 50.7846



54.1793, 63.5308, 82.8059



68.5330, 63.5308, 67.2945

Square

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



54.1793, 63.5308, 82.8059



64.9731, 63.5308, 89.2730



67.0455, 63.5308, 57.1273



56.0165, 63.5308, 52.3441

Rectangle

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



54.1793, 63.5308, 82.8059



59.6834, 63.5308, 94.0178



67.0455, 63.5308, 57.1273



61.0903, 63.5308, 49.1449

Sweetspot

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



54.1812, 63.5333, 82.8074



85.9892, 93.6726, 108.1562



50.3677, 66.2821, 49.5490



18.1119, 19.8419, 23.1252



0.0000, 0.0000, 0.0000



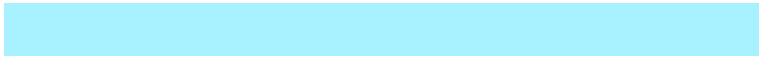
20.3446, 21.4041, 23.3091

Same Dimension

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



54.1812, 63.5333, 82.8074



65.9148, 78.8827, 106.3595



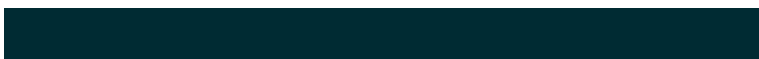
46.6155, 48.4021, 80.2855



14.6087, 15.9388, 18.4509



19.1601, 25.3822, 46.2726



1.4671, 1.9781, 3.4365

Inverse Universe

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



57.7486, 47.7519, 72.5059



71.2748, 55.7668, 90.7481



60.4982, 62.9220, 43.6084



14.8948, 14.5751, 17.6466



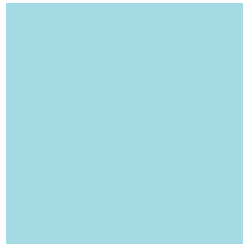
24.0646, 11.7601, 30.2989



1.8041, 0.8794, 2.3752

Previews

White Background



This preview shows how the XYZ color 54.1793, 63.5308, 82.8059 looks on a white background.

Color Contrast Check

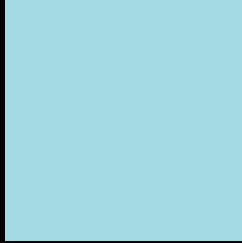
Large Text (above 18pt) WCAG AA × Fail

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 54.1793, 63.5308, 82.8059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

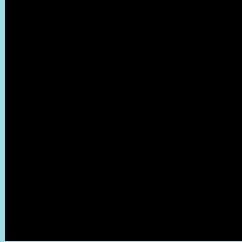
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1793, 63.5308, 82.8059

Background



This preview shows how black text looks on a background with the XYZ color 54.1793, 63.5308, 82.8059.

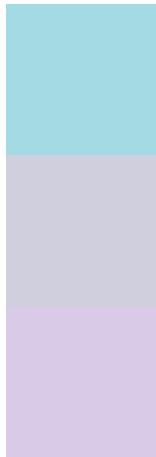


This preview shows how white text looks on a background with the XYZ color 54.1793, 63.5308,

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

54.1793, 63.5308, 82.8059

Protanopia

61.3764, 63.2560, 77.3814

Deuteranopia

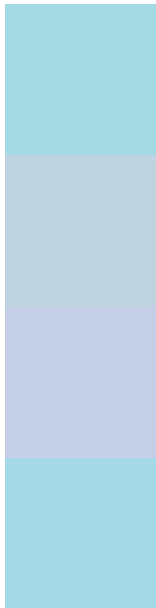
64.1596, 62.7623, 84.3341



Tritanopia

54.9740, 63.4587, 87.1932

Trichromacy



Original Color

54.1793, 63.5308, 82.8059

Protanomaly

58.4870, 63.1768, 79.6328

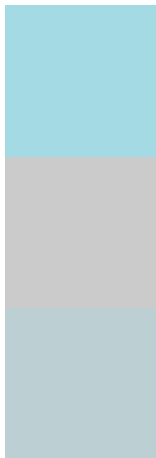
Deuteranomaly

59.8648, 62.6952, 83.8091

Tritanomaly

54.6882, 63.3444, 85.6883

Monochromacy



Original Color

54.1793, 63.5308, 82.8059

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.1786, 60.5566, 71.0677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1793, 63.5308, 82.8059 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(163, 218, 228)` looks like.

```
.text, #text, p{  
    color:rgb(163, 218, 228)  
}
```

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(163, 218, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 218, 228) }
```

Border

The CSS property to change the border of an element to XYZ 54.1793, 63.5308, 82.8059 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(163, 218, 228) }
```


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

```
.border{ border-color:rgb(163, 218, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 218, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 218, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 218, 228);  
box-shadow:4px 4px 4px 4px rgb(163, 218,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1793, 63.5308, 82.8059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 218, 228) }
```

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

```
.background{ background-color: rgb(163,  
218, 228) }
```

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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