

Converting Colors

XYZ(54.1552, 61.1132, 80.7329)

Have a look what the booklet for
XYZ(54.1552, 61.1132, 80.7329)
contains.

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Color

**XYZ(54.2842, 61.3486,
80.9319)**

Conversions

Conversions Part 1

Format	Color
Hex	ACD4E2
RGB	172, 212, 226
RGB Percent	67%, 83%, 89%
CMY	0.3255, 0.1686, 0.1137
CMYK	0.24, 0.06, 0.00, 0.11
HSL	196°, 48%, 78%
HSV	196°, 24%, 89%
XYZ	54.2842, 61.3486, 80.9319
YIQ	201.6360, -28.3340, -4.1260

Conversions

Conversions Part 2

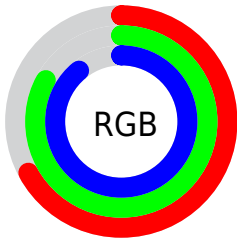
Format	Color
R _{YB}	172, 195, 226
Decimal	11326690
CIE Lab	82.57, -10.01, -11.23
CIE LCh	83, 15.043, 228.277
Yxy	61.3486, 0.2762, 0.3121
Android (android.graphics.Color)	4289516770 (0xFFACD4E2)
YUV	201.6360, 12.0115, -25.9908
Hunter-Lab	78.3253, -13.3581, -6.4353

Details

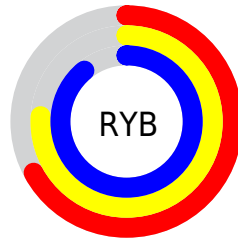
The XYZ color **54.2842, 61.3486, 80.9319** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.3700, 54.2654, 46.5343**, and the grayscale version is **55.8540, 58.7627, 63.9926**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **26.8789, 30.9058, 43.0768** is the 20% darker color. If you saturate the color by 10%, you get **48.3021, 56.1315, 80.2412**, and if you desaturate by 10%, it is **61.1666, 67.1118, 81.6826**.

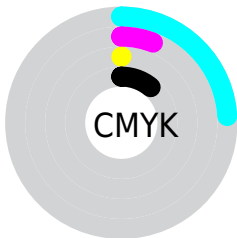
Distribution



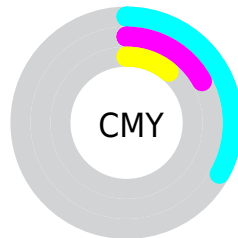
- Red (67%)
- Green (83%)
- Blue (89%)



- Red (67%)
- Yellow (76%)
- Blue (89%)



- Cyan (24%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (33%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2842, 61.3486, 80.9319 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 54.2842, 61.3486, 80.9319 by changing the saturation by 10% instead.

■ 54.2842, 61.3486,
80.9319

■ 54.2842, 61.3486,
80.9319

393.3735,
429.5510, 517.8572

■ 39.0605, 44.5066,
59.9548

■ 95.6459, 106.7835,
136.4984

■ 26.9877, 31.0689,
42.9572

122.5145,
136.1452, 171.9248

■ 17.7005, 20.6514,
29.5204

153.9955,
170.4489, 213.0049

■ 10.8336, 12.8694,
19.2259

190.4543,
210.0789, 260.1570

■ 6.0215, 7.3387,
11.6551

232.2561,
255.4198, 313.7997

■ 2.8990, 3.6748,
6.3896

279.7663,

■ 1.1006, 1.4934,

306.8558, 374.3517

3.0108

333.3504,
364.7714, 442.2313

■ 0.0256, 0.2840,
1.1002

■ 0.0000, 0.0000,
0.0000

■ 54.2842, 61.3486,
80.9319

■ 54.2842, 61.3486,
80.9319

■ 48.3021, 56.1315,
80.2412

■ 61.1666, 67.1118,
81.6826

■ 43.1716, 51.4299,
79.6041

■ 68.9840, 73.4352,
82.4911

■ 38.8476, 47.2212,
79.0197

■ 77.7758, 80.3415,
83.3608

■ 35.2783, 43.4781,
78.4853

■ 84.8013, 86.4184,
84.1634

■ 32.4057, 40.1696,
77.9981

■ 86.5105, 89.8368,
84.7332

■ 30.1628, 37.2603,
77.5547

■ 88.2755, 93.3667,
85.3215

■ 28.4679, 34.7073,
77.1513

■ 90.0968, 97.0092,
85.9286

■ 27.6232, 33.2822,
76.9207

■ 90.7277, 98.2711,
86.1389

Harmonies

Analogous

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



52.6242, 61.3486, 72.5172



54.2842, 61.3486, 80.9319



57.0606, 61.3486, 85.7158

Triad

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



54.2842, 61.3486, 80.9319



64.5874, 61.3486, 70.4675



56.3890, 61.3486, 51.3305

Complementary

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



54.2842, 61.3486, 80.9319



56.3700, 54.2654, 46.5343

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.



59.5775, 61.3486, 50.8914



54.2842, 61.3486, 80.9319



64.3913, 61.3486, 61.3881

Square

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



54.2842, 61.3486, 80.9319



63.0562, 61.3486, 79.3130



62.5301, 61.3486, 54.4139



53.8082, 61.3486, 55.6744

Rectangle

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



54.2842, 61.3486, 80.9319



59.2062, 61.3486, 85.9347



62.5301, 61.3486, 54.4139



57.4229, 61.3486, 50.7370

Sweetspot

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



54.2860, 61.3511, 80.9333



87.3268, 93.8536, 108.1207



53.0207, 66.6885, 56.2551



18.5553, 19.9789, 23.1283



0.0000, 0.0000, 0.0000



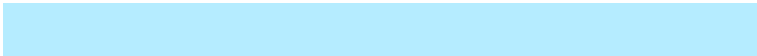
20.3446, 21.4041, 23.3091

Same Dimension

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



54.2860, 61.3511, 80.9333



67.0646, 76.9435, 105.9246



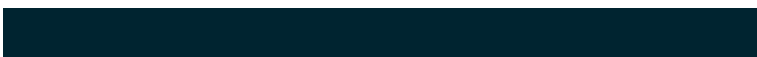
48.1957, 49.1705, 78.9032



13.8002, 14.9395, 17.5439



15.8596, 19.1888, 43.9163



1.1704, 1.4723, 3.0677

Inverse Universe

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



58.0017, 50.4287, 68.9668



72.8898, 60.3744, 87.0400



62.4802, 66.4859, 48.5710



14.1354, 13.8718, 16.4830



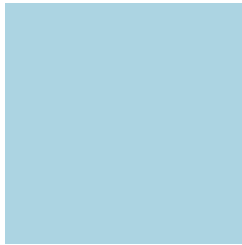
21.9454, 10.8452, 22.1761



1.5570, 0.7661, 1.7262

Previews

White Background



This preview shows how the XYZ color 54.2842, 61.3486, 80.9319 looks on a white background.

Color Contrast Check

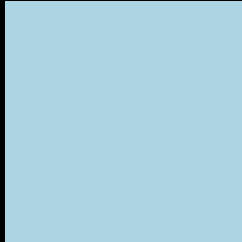
Large Text (above 18pt) WCAG AA × Fail

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 54.2842, 61.3486, 80.9319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

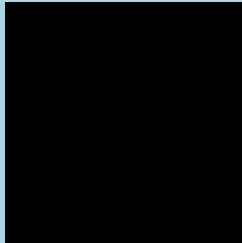
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

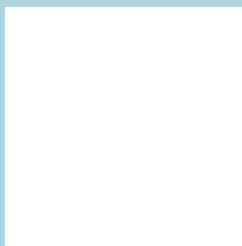
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2842, 61.3486, 80.9319

Background



This preview shows how black text looks on a background with the XYZ color 54.2842, 61.3486, 80.9319.



This preview shows how white text looks on a background with the XYZ color 54.2842, 61.3486,

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

54.2842, 61.3486, 80.9319

Protanopia

59.5459, 61.2436, 77.0894

Deuteranopia

62.5287, 61.2618, 82.6578



Tritanopia

54.9199, 61.6283, 83.1296

Trichromacy



Original Color

54.2842, 61.3486, 80.9319

Protanomaly

57.3703, 61.1598, 78.5933

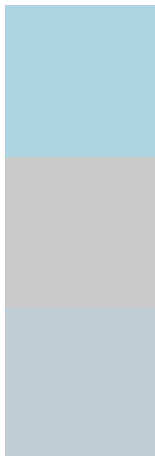
Deuteranomaly

59.1496, 60.9293, 82.0418

Tritanomaly

54.7807, 61.5726, 82.3962

Monochromacy



Original Color

54.2842, 61.3486, 80.9319

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.3150, 59.9221, 70.2787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2842, 61.3486, 80.9319 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(172, 212, 226)` looks like.

```
.text, #text, p{  
    color:rgb(172, 212, 226)  
}
```

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(172, 212, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 212, 226) }
```

Border

The CSS property to change the border of an element to XYZ 54.2842, 61.3486, 80.9319 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(172, 212, 226) }
```


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

```
.border{ border-color:rgb(172, 212, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 212, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 212, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 212, 226); box-shadow:4px 4px 4px 4px rgb(172, 212, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2842, 61.3486, 80.9319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 212, 226) }
```

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

```
.background{ background-color: rgb(172,  
212, 226) }
```

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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