

Converting Colors

XYZ(54.4272, 60.8614, 81.0590)

Have a look what the booklet for
XYZ(54.4272, 60.8614, 81.0590)
contains.

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Color

**XYZ(54.2296, 60.5828,
80.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	AED2E2
RGB	174, 210, 226
RGB Percent	68%, 82%, 89%
CMY	0.3176, 0.1765, 0.1137
CMYK	0.23, 0.07, 0.00, 0.11
HSL	198°, 47%, 78%
HSV	198°, 23%, 89%
XYZ	54.2296, 60.5828, 80.7870
YIQ	201.0600, -26.5920, -2.6560

Conversions

Conversions Part 2

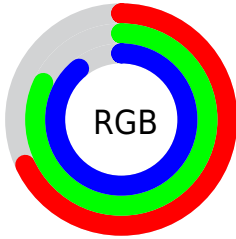
Format	Color
RYB	174, 195, 226
Decimal	11457250
CIELab	82.15, -8.38, -11.83
CIELCh	82, 14.494, 234.701
Yxy	60.5828, 0.2772, 0.3097
Android (android.graphics.Color)	4289647330 (0xFFAED2E2)
YUV	201.0600, 12.2954, -23.7316
Hunter-Lab	77.8350, -11.8457, -7.0542

Details

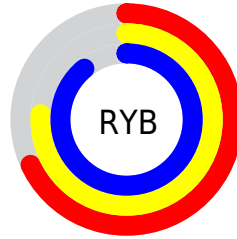
The XYZ color **54.2296, 60.5828, 80.7870** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.4182, 56.0520, 47.8386**, and the grayscale version is **55.4940, 58.3840, 63.5801**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **27.1243, 30.7822, 43.0400** is the 20% darker color. If you saturate the color by 10%, you get **47.9330, 54.8450, 80.0124**, and if you desaturate by 10%, it is **61.4515, 66.9114, 81.6289**.

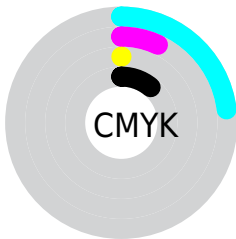
Distribution



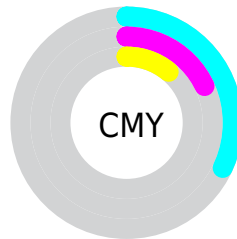
- Red (68%)
- Green (82%)
- Blue (89%)



- Red (68%)
- Yellow (76%)
- Blue (89%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (32%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2296, 60.5828, 80.7870 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 54.2296, 60.5828, 80.7870 by changing the saturation by 10% instead.

■ 54.2296, 60.5828,
80.7870

■ 54.2296, 60.5828,
80.7870

393.1690,
426.7426, 517.3577

■ 39.0167, 43.8886,
59.8362

■ 95.5662, 105.6746,
136.2930

■ 26.9535, 30.5829,
42.8622

122.4206,
134.8410, 171.6853

■ 17.6747, 20.2815,
29.4464

153.8861,
168.9336, 212.7286

■ 10.8150, 12.5998,
19.1703

190.3282,
208.3367, 259.8413

■ 6.0089, 7.1536,
11.6153

232.1122,
253.4347, 313.4420

■ 2.8912, 3.5583,
6.3630

279.6034,

■ 1.0965, 1.4297,

304.6122, 373.9493

2.9947

333.1672,
362.2533, 441.7817

■ 0.0222, 0.2385,
1.0919

■ 0.0000, 0.0000,
0.0000

■ 54.2296, 60.5828,
80.7870

■ 54.2296, 60.5828,
80.7870

■ 47.9330, 54.8450,
80.0124

■ 61.4515, 66.9114,
81.6289

■ 42.5130, 49.6670,
79.2986

■ 69.6336, 73.8455,
82.5361

■ 37.9245, 45.0255,
78.6445

■ 78.8156, 81.4085,
83.5119

■ 34.1157, 40.8924,
78.0475

■ 85.4886, 87.7928,
84.3925

■ 31.0289, 37.2366,
77.5045

■ 87.5501, 91.9159,
85.0797

■ 28.5975, 34.0221,
77.0122

■ 89.6906, 96.1970,
85.7932

■ 26.7413, 31.2061,
76.5665

■ 90.7277, 98.2711,
86.1389

■ 25.6956, 29.4269,
76.2782

Harmonies

Analogous

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



52.3711, 60.5828, 73.3037



54.2296, 60.5828, 80.7870



57.0373, 60.5828, 84.3214

Triad

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



54.2296, 60.5828, 80.7870



63.6784, 60.5828, 67.5421



55.1442, 60.5828, 51.7330

Complementary

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



54.2296, 60.5828, 80.7870



57.4182, 56.0520, 47.8386

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.



58.1304, 60.5828, 50.4859



54.2296, 60.5828, 80.7870



63.1279, 60.5828, 59.1320

Square

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



54.2296, 60.5828, 80.7870



62.5486, 60.5828, 76.2511



61.0701, 60.5828, 53.0757



52.8858, 60.5828, 56.6471

Rectangle

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



54.2296, 60.5828, 80.7870



59.0971, 60.5828, 83.7545



61.0701, 60.5828, 53.0757



56.0933, 60.5828, 50.8906

Sweetspot

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



54.2314, 60.5853, 80.7884



87.0582, 93.3165, 108.0312



53.9037, 67.0928, 58.5968



18.4930, 19.8543, 23.1075



0.0000, 0.0000, 0.0000



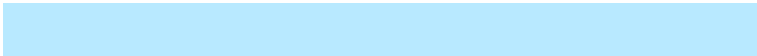
20.3446, 21.4041, 23.3091

Same Dimension

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



54.2314, 60.5853, 80.7884



66.8700, 75.6581, 105.6868



48.4080, 48.9384, 78.8472



13.7422, 14.8235, 17.5246



14.7689, 17.0074, 43.5527



1.1019, 1.3353, 3.0449

Inverse Universe

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



58.1344, 51.0954, 67.7739



73.0103, 61.2602, 85.0926



63.4587, 68.1330, 49.8521



14.1061, 13.8601, 16.3288



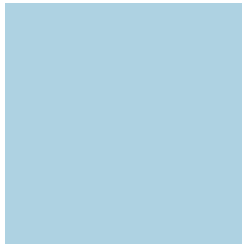
21.3949, 10.6249, 19.2769



1.5225, 0.7523, 1.5441

Previews

White Background



This preview shows how the XYZ color 54.2296, 60.5828, 80.7870 looks on a white background.

Color Contrast Check

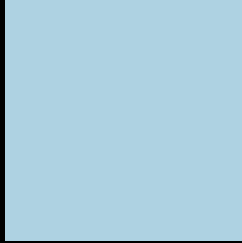
Large Text (above 18pt) WCAG AA × Fail

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 54.2296, 60.5828, 80.7870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

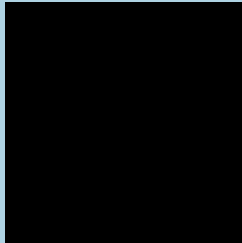
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

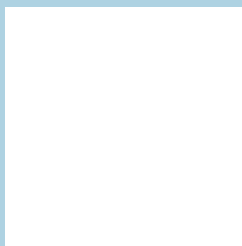
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2296, 60.5828, 80.7870

Background



This preview shows how black text looks on a background with the XYZ color 54.2296, 60.5828, 80.7870.



This preview shows how white text looks on a background with the XYZ color 54.2296, 60.5828,

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

54.2296, 60.5828, 80.7870

Protanopia

58.7642, 60.4889, 76.9849

Deuteranopia

61.3491, 59.9867, 81.7439



Tritanopia

54.3673, 60.6379, 81.5119

Trichromacy



Original Color

54.2296, 60.5828, 80.7870

Protanomaly

57.1288, 60.6768, 78.5128

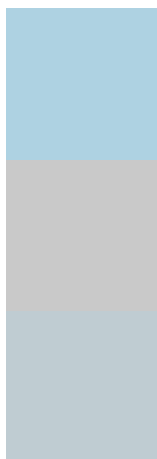
Deuteranomaly

58.2744, 59.7929, 81.1428

Tritanomaly

54.3673, 60.6379, 81.5119

Monochromacy



Original Color

54.2296, 60.5828, 80.7870

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.7116, 58.9152, 69.4609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2296, 60.5828, 80.7870 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(174, 210, 226)` looks like.

```
.text, #text, p{  
    color:rgb(174, 210, 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(174, 210, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 210, 226) }
```

Border

The CSS property to change the border of an element to XYZ 54.2296, 60.5828, 80.7870 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(174, 210, 226) }
```


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

```
.border{ border-color:rgb(174, 210, 226) }
```

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

Here you see how a box with a 4 pixel rgb(174, 210, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 210, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 210, 226);  
box-shadow:4px 4px 4px 4px rgb(174, 210,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2296, 60.5828, 80.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 210, 226) }
```

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

```
.background{ background-color: rgb(174,  
210, 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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