

Converting Colors

XYZ(53.9398, 61.3748, 87.0974)

Have a look what the booklet for
XYZ(53.9398, 61.3748, 87.0974)
contains.

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Color

**XYZ(53.9554, 61.4215,
86.8537)**

Conversions

Conversions Part 1

Format	Color
Hex	A4D5EA
RGB	164, 213, 234
RGB Percent	64%, 84%, 92%
CMY	0.3568, 0.1647, 0.0823
CMYK	0.30, 0.09, 0.00, 0.08
HSL	198°, 63%, 78%
HSV	198°, 30%, 92%
XYZ	53.9554, 61.4215, 86.8537
YIQ	200.7430, -35.9450, -3.8570

Conversions

Conversions Part 2

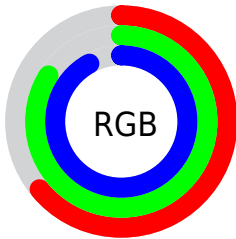
Format	Color
RYB	164, 193, 234
Decimal	10802666
CIELab	82.60, -11.02, -15.48
CIELCh	83, 18.998, 234.548
Yxy	61.4215, 0.2668, 0.3037
Android (android.graphics.Color)	4288992746 (0xFFA4D5EA)
YUV	200.7430, 16.3957, -32.2236
Hunter-Lab	78.3719, -14.2618, -10.8464

Details

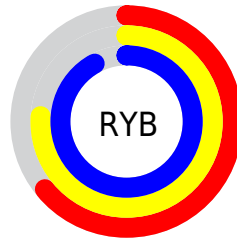
The XYZ color **53.9554, 61.4215, 86.8537** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.9824, 54.8714, 42.6588**, and the grayscale version is **55.2775, 58.1562, 63.3321**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **26.6931, 30.9831, 46.6929** is the 20% darker color. If you saturate the color by 10%, you get **47.8362, 55.7038, 86.0736**, and if you desaturate by 10%, it is **61.0432, 67.7550, 87.7037**.

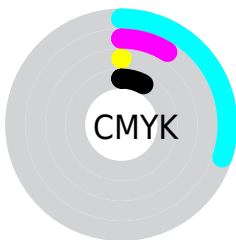
Distribution



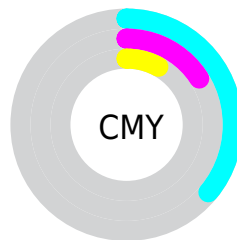
- Red (64%)
- Green (84%)
- Blue (92%)



- Red (64%)
- Yellow (76%)
- Blue (92%)



- Cyan (30%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (36%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9554, 61.4215, 86.8537 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 53.9554, 61.4215, 86.8537 by changing the saturation by 10% instead.

■ 53.9554, 61.4215,
86.8537

■ 53.9554, 61.4215,
86.8537

392.1410,
429.8178, 538.0457

■ 38.7965, 44.5654,
64.8152

■ 95.1660, 106.8890,
144.8573

■ 26.7815, 31.1153,
46.8609

■ 121.9485,
136.2692, 181.6594

■ 17.5449, 20.6866,
32.5721

153.3362,
170.5929, 224.2199

■ 10.7215, 12.8951,
21.5304

189.6946,
210.2445, 272.9572

■ 5.9458, 7.3564,
13.3173

231.3889,
255.6084, 328.2899

■ 2.8525, 3.6860,
7.5141

278.7845,

■ 1.0762, 1.4995,

307.0690, 390.6365

3.7024

332.2467,
365.0106, 460.4156

0.0051, 0.2884,
1.4635

0.0000, 0.0000,
0.1905

53.9554, 61.4215,
86.8537

53.9554, 61.4215,
86.8537

47.8362, 55.7038,
86.0736

61.0432, 67.7550,
87.7037

42.6303, 50.5674,
85.3566

69.1400, 74.7220,
88.6217

38.2851, 45.9853,
84.7012

78.2906, 82.3486,
89.6115

34.7400, 41.9248,
84.1043

87.5709, 90.1595,
90.6300

■ 31.9258, 38.3488,
83.5623

■ 89.6899, 94.3975,
91.3363

■ 29.7605, 35.2133,
83.0713

■ 91.8515, 98.7206,
92.0568

■ 28.1059, 32.4456,
82.6243

■ 28.0925, 32.4226,
82.6205

Harmonies

Analogous

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



51.5441, 61.4215, 76.6311



53.9554, 61.4215, 86.8537



57.6387, 61.4215, 91.7707

Triad

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



53.9554, 61.4215, 86.8537



66.5241, 61.4215, 69.0304



55.1870, 61.4215, 48.4869

Complementary

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



53.9554, 61.4215, 86.8537



57.9824, 54.8714, 42.6588

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.



59.1262, 61.4215, 46.9498



53.9554, 61.4215, 86.8537



65.7935, 61.4215, 57.9889

Square

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



53.9554, 61.4215, 86.8537



64.9913, 61.4215, 80.7425



63.0386, 61.4215, 50.2264



52.2317, 61.4215, 54.6983

Rectangle

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



53.9554, 61.4215, 86.8537



60.3679, 61.4215, 91.0104



63.0386, 61.4215, 50.2264



56.4349, 61.4215, 47.4392

Sweetspot

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



53.9573, 61.4239, 86.8551



84.9479, 91.5901, 107.8092



53.3683, 70.1931, 55.9932



17.8541, 19.3264, 23.0393



0.0000, 0.0000, 0.0000



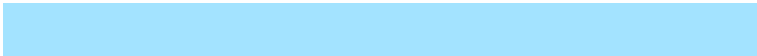
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9573, 61.4239, 86.8551



60.7910, 70.2192, 104.9574



46.3162, 46.1417, 84.3081



15.1141, 16.3147, 19.2747



15.9015, 18.4499, 46.4661



1.3321, 1.6157, 3.6765

Inverse Universe

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



59.2190, 48.8491, 69.2610



68.3018, 53.0971, 79.6571



65.9218, 70.7502, 45.3053



15.5112, 15.2323, 17.9770



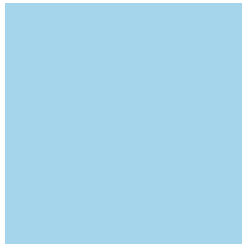
22.8816, 11.3553, 20.9757



1.8389, 0.9085, 1.8690

Previews

White Background



This preview shows how the XYZ color 53.9554, 61.4215, 86.8537 looks on a white background.

Color Contrast Check

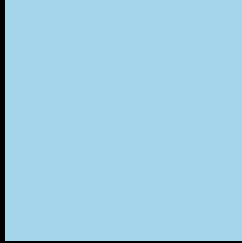
Large Text (above 18pt) WCAG AA × Fail

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 53.9554, 61.4215, 86.8537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

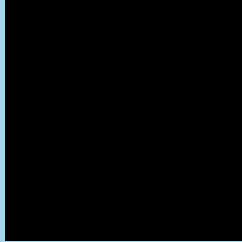
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9554, 61.4215, 86.8537

Background



This preview shows how black text looks on a background with the XYZ color 53.9554, 61.4215, 86.8537.

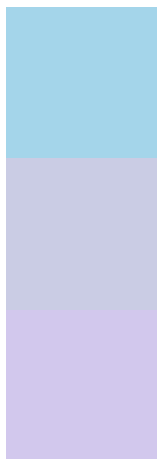


This preview shows how white text looks on a background with the XYZ color 53.9554, 61.4215,

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

53.9554, 61.4215, 86.8537

Protanopia

59.9536, 61.3437, 82.0794

Deuteranopia

62.5187, 61.1246, 88.6239



Tritanopia

53.5746, 61.6492, 84.6771

Trichromacy



Original Color

53.9554, 61.4215, 86.8537

Protanomaly

57.3348, 61.0302, 83.6210

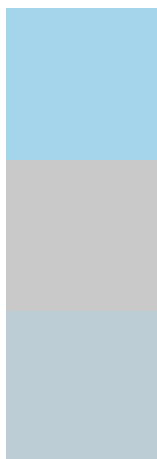
Deuteranomaly

58.9640, 61.0562, 88.0342

Tritanomaly

53.7163, 61.7059, 85.4232

Monochromacy



Original Color

53.9554, 61.4215, 86.8537

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.5806, 59.1581, 71.4927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9554, 61.4215, 86.8537 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(164, 213, 234)` looks like.

```
.text, #text, p{  
    color:rgb(164, 213, 234)  
}
```

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(164, 213, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 213, 234) }
```

Border

The CSS property to change the border of an element to XYZ 53.9554, 61.4215, 86.8537 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(164, 213, 234) }
```


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

```
.border{ border-color:rgb(164, 213, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 213, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 213, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 213, 234);  
box-shadow:4px 4px 4px 4px rgb(164, 213,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9554, 61.4215, 86.8537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 213, 234) }
```

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

```
.background{ background-color: rgb(164,  
213, 234) }
```

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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