

Converting Colors

XYZ(53.4587, 57.9956, 93.1377)

Have a look what the booklet for
XYZ(53.4587, 57.9956, 93.1377)
contains.

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Color

**XYZ(53.5260, 58.1330,
93.1937)**

Conversions

Conversions Part 1

Format	Color
Hex	A5CDF3
RGB	165, 205, 243
RGB Percent	65%, 80%, 95%
CMY	0.3529, 0.1961, 0.0471
CMYK	0.32, 0.16, 0.00, 0.05
HSL	209°, 76%, 80%
HSV	209°, 32%, 95%
XYZ	53.5260, 58.1330, 93.1937
YIQ	197.3720, -36.0380, 3.3380

Conversions

Conversions Part 2

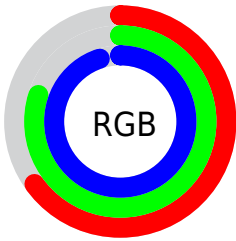
Format	Color
RYB	165, 191, 243
Decimal	10866163
CIELab	80.81, -4.40, -22.97
CIELCh	81, 23.390, 259.168
Yxy	58.1330, 0.2613, 0.2838
Android (android.graphics.Color)	4289056243 (0xFFA5CDF3)
YUV	197.3720, 22.4946, -28.3902
Hunter-Lab	76.2450, -8.1170, -19.0982

Details

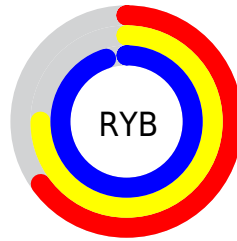
The XYZ color **53.5260, 58.1330, 93.1937** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.1106, 64.4840, 44.6139**, and the grayscale version is **53.1810, 55.9506, 60.9302**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **26.5918, 29.1006, 51.2291** is the 20% darker color. If you saturate the color by 10%, you get **46.2186, 50.3211, 92.0720**, and if you desaturate by 10%, it is **62.0116, 66.8730, 94.4345**.

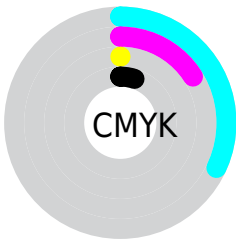
Distribution



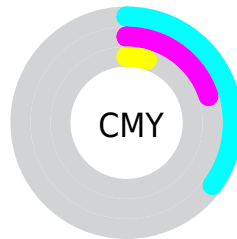
- Red (65%)
- Green (80%)
- Blue (95%)



- Red (65%)
- Yellow (75%)
- Blue (95%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (35%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5260, 58.1330, 93.1937 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 53.5260, 58.1330, 93.1937 by changing the saturation by 10% instead.

■ 53.5260, 58.1330,
93.1937

■ 53.5260, 58.1330,
93.1937

390.5278,
417.6813, 559.2019

■ 38.4520, 41.9156,
70.0439

■ 94.5389, 102.1165,
153.7408

■ 26.5125, 29.0352,
51.0853

■ 121.2085,
130.6514, 191.9752

■ 17.3421, 19.1074,
35.8993

152.4740,
164.0609, 236.0749

■ 10.5755, 11.7479,
24.0674

188.7008,
202.7294, 286.4585

■ 5.8474, 6.5723,
15.1709

230.2543,
247.0413, 343.5444

■ 2.7923, 3.1961,
8.7915

277.4997,

■ 1.0449, 1.2349,

297.3810, 407.7513

4.5105

330.8024,
354.1329, 479.4976

■ 0.0000, 0.0900,
1.9094

■ 0.0000, 0.0000,
0.4987

■ 53.5260, 58.1330,
93.1937

■ 53.5260, 58.1330,
93.1937

■ 46.2186, 50.3211,
92.0720

■ 62.0116, 66.8730,
94.4345

■ 40.0246, 43.3930,
91.0612

■ 71.7247, 76.5694,
95.7941

■ 34.8810, 37.3102,
90.1582

■ 82.7183, 87.2572,
97.2776

■ 30.7155, 32.0280,
89.3582

■ 92.3402, 97.5758,
98.7622

■ 27.4455, 27.4960,
88.6558

■ 93.1779, 99.2511,
99.0414

■ 24.9721, 23.6550,
88.0447

■ 23.4635, 21.0425,
87.6200

Harmonies

Analogous

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



49.3987, 58.1330, 85.6402



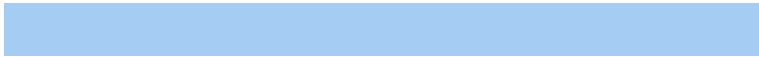
53.5260, 58.1330, 93.1937



58.3608, 58.1330, 91.9040

Triad

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



53.5260, 58.1330, 93.1937



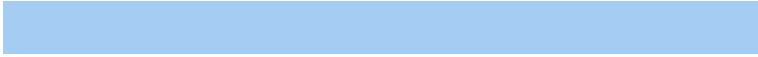
64.5024, 58.1330, 54.9559



48.5177, 58.1330, 47.4444

Complementary

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



53.5260, 58.1330, 93.1937



65.1106, 64.4840, 44.6139

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.



52.2588, 58.1330, 41.3432



53.5260, 58.1330, 93.1937



61.5539, 58.1330, 45.2230

Square

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



53.5260, 58.1330, 93.1937



64.8908, 58.1330, 68.4302



57.0181, 58.1330, 40.5941



46.6213, 58.1330, 58.4271

Rectangle

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



53.5260, 58.1330, 93.1937



61.3321, 58.1330, 86.2490



57.0181, 58.1330, 40.5941



49.5907, 58.1330, 44.8273

Sweetspot

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



53.5278, 58.1353, 93.1950



82.4471, 87.8089, 107.2111



58.3128, 76.3993, 67.9873



17.2931, 18.4474, 22.8992



0.0000, 0.0000, 0.0000



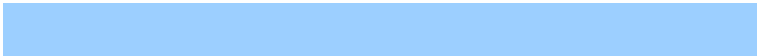
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5278, 58.1353, 93.1950



53.8778, 58.6519, 103.0890



45.3870, 41.8537, 90.4815



16.2839, 17.3322, 21.0298



13.0131, 11.8200, 48.1336



1.2466, 1.2446, 4.2648

Inverse Universe

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



61.4382, 50.3744, 64.2451



64.2608, 49.3693, 64.8869



75.4177, 85.0983, 48.0496



16.8539, 16.6244, 18.9772



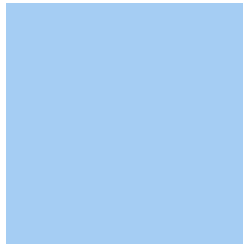
22.3729, 11.2926, 11.9381



2.0183, 1.0133, 1.3227

Previews

White Background



This preview shows how the XYZ color 53.5260, 58.1330, 93.1937 looks on a white background.

Color Contrast Check

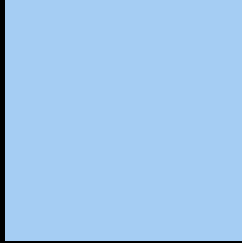
Large Text (above 18pt) WCAG AA × Fail

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 53.5260, 58.1330, 93.1937 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

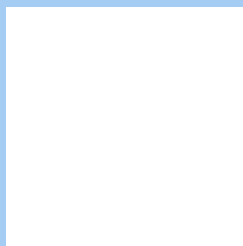
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5260, 58.1330, 93.1937

Background



This preview shows how black text looks on a background with the XYZ color 53.5260, 58.1330, 93.1937.



This preview shows how white text looks on a background with the XYZ color 53.5260, 58.1330,

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

53.5260, 58.1330, 93.1937

Protanopia

57.3649, 57.7677, 89.0157

Deuteranopia

59.2473, 57.9427, 94.4476



Tritanopia

50.8444, 58.1251, 79.7736

Trichromacy



Original Color

53.5260, 58.1330, 93.1937

Protanomaly

55.9062, 58.0096, 90.6885

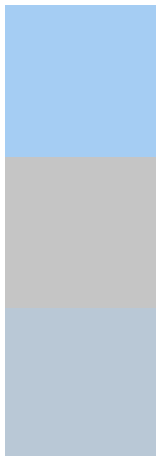
Deuteranomaly

56.7601, 57.6928, 93.7322

Tritanomaly

51.7786, 58.1332, 84.8357

Monochromacy



Original Color

53.5260, 58.1330, 93.1937

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.7995, 56.4779, 71.7368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5260, 58.1330, 93.1937 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(165, 205, 243)` looks like.

```
.text, #text, p{  
    color:rgb(165, 205, 243)  
}
```

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(165, 205, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 205, 243) }
```

Border

The CSS property to change the border of an element to XYZ 53.5260, 58.1330, 93.1937 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(165, 205, 243) }
```


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

```
.border{ border-color:rgb(165, 205, 243) }
```

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

Here you see how a box with a 4 pixel rgb(165, 205, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 205, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 205, 243);  
box-shadow:4px 4px 4px 4px rgb(165, 205,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5260, 58.1330, 93.1937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 205, 243) }
```

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

```
.background{ background-color: rgb(165,  
205, 243) }
```

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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