

Converting Colors

XYZ(53.5835, 60.0528, 89.6561)

Have a look what the booklet for
XYZ(53.5835, 60.0528, 89.6561)
contains.

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Color

**XYZ(53.5835, 60.0528,
89.6561)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D2EE
RGB	163, 210, 238
RGB Percent	64%, 82%, 93%
CMY	0.3608, 0.1765, 0.0667
CMYK	0.32, 0.12, 0.00, 0.07
HSL	202°, 69%, 79%
HSV	202°, 32%, 93%
XYZ	53.5835, 60.0528, 89.6561
YIQ	199.1390, -37.0000, -1.2560

Conversions

Conversions Part 2

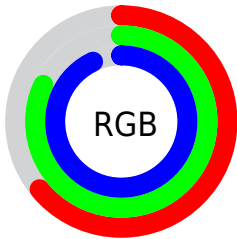
Format	Color
RYB	163, 192, 238
Decimal	10736366
CIELab	81.87, -8.79, -18.72
CIELCh	82, 20.683, 244.845
Yxy	60.0528, 0.2636, 0.2954
Android (android.graphics.Color)	4288926446 (0xFFA3D2EE)
YUV	199.1390, 19.1585, -31.6939
Hunter-Lab	77.4937, -12.1892, -14.3497

Details

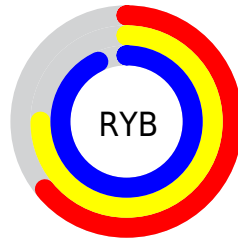
The XYZ color **53.5835, 60.0528, 89.6561** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.5025, 58.0838, 42.6744**, and the grayscale version is **54.2753, 57.1019, 62.1840**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **26.6386, 30.4055, 48.7208** is the 20% darker color. If you saturate the color by 10%, you get **47.0287, 53.5085, 88.7394**, and if you desaturate by 10%, it is **61.1808, 67.3182, 90.6591**.

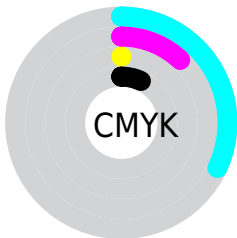
Distribution



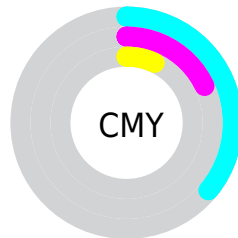
- Red (64%)
- Green (82%)
- Blue (93%)



- Red (64%)
- Yellow (75%)
- Blue (93%)



- Cyan (32%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (36%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5835, 60.0528, 89.6561 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 53.5835, 60.0528, 89.6561 by changing the saturation by 10% instead.

■ 53.5835, 60.0528,
89.6561

■ 53.5835, 60.0528,
89.6561

390.7441,
424.7924, 547.4527

■ 38.4981, 43.4612,
67.1233

■ 94.6229, 104.9063,
148.7920

■ 26.5485, 30.2471,
48.7226

■ 121.3077,
133.9369, 186.2321

■ 17.3692, 20.0263,
34.0355

152.5896,
167.8827, 229.4785

■ 10.5950, 12.4141,
22.6433

188.8340,
207.1280, 278.9497

■ 5.8605, 7.0264,
14.1275

230.4063,
252.0572, 335.0641

■ 2.8003, 3.4786,
8.0696

277.6719,

■ 1.0491, 1.3864,

303.0547, 398.2404

4.0511

330.9960,
360.5050, 468.8971

■ 0.0000, 0.2067,
1.6534

■ 0.0000, 0.0000,
0.3285

■ 53.5835, 60.0528,
89.6561

■ 53.5835, 60.0528,
89.6561

■ 47.0287, 53.5085,
88.7394

■ 61.1808, 67.3182,
90.6591

■ 41.4573, 47.6477,
87.9018

■ 69.8645, 75.3259,
91.7470

■ 36.8126, 42.4394,
87.1413

■ 79.6826, 84.1047,
92.9240

■ 33.0290, 37.8470,
86.4543

■ 89.4898, 93.0671,
94.1371

■ 30.0316, 33.8286,
85.8367

■ 92.2506, 98.5887,
95.0573

■ 27.7309, 30.3349,
85.2836

■ 92.4328, 98.9531,
95.1181

■ 26.2045, 27.7166,
84.8586

Harmonies

Analogous

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



50.4615, 60.0528, 80.1104



53.5835, 60.0528, 89.6561



57.7905, 60.0528, 92.3918

Triad

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



53.5835, 60.0528, 89.6561



65.8596, 60.0528, 63.3772



52.4145, 60.0528, 47.5723

Complementary

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



53.5835, 60.0528, 89.6561



60.5025, 58.0838, 42.6744

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.



56.3721, 60.0528, 44.2354



53.5835, 60.0528, 89.6561



64.2498, 60.0528, 52.5886

Square

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



53.5835, 60.0528, 89.6561



65.0202, 60.0528, 76.1497



60.7220, 60.0528, 45.9482



49.8111, 60.0528, 55.6899

Rectangle

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



53.5835, 60.0528, 89.6561



60.6792, 60.0528, 89.7238



60.7220, 60.0528, 45.9482



53.6229, 60.0528, 45.9048

Sweetspot

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



53.5854, 60.0552, 89.6575



84.4324, 90.5592, 107.6373



55.0292, 72.6765, 60.1314



17.7268, 19.0718, 22.9969



0.0000, 0.0000, 0.0000



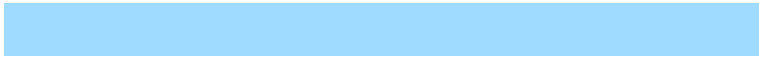
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5854, 60.0552, 89.6575



57.4565, 65.0717, 104.1396



45.4820, 43.8484, 86.9564



15.7227, 16.8795, 20.1510



14.7475, 15.7192, 47.3847



1.3219, 1.4978, 3.9737

Inverse Universe

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



59.9915, 49.0263, 67.2765



66.2473, 50.8532, 73.2221



69.6154, 76.3095, 45.7121



16.1895, 15.9255, 18.5539



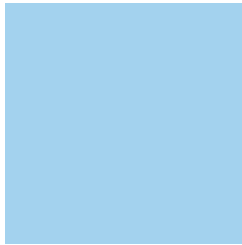
22.7695, 11.3802, 17.2344



1.9422, 0.9659, 1.6865

Previews

White Background



This preview shows how the XYZ color 53.5835, 60.0528, 89.6561 looks on a white background.

Color Contrast Check

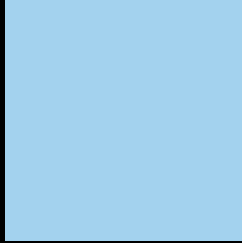
Large Text (above 18pt) WCAG AA × Fail

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 53.5835, 60.0528, 89.6561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

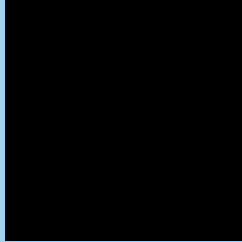
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5835, 60.0528, 89.6561

Background



This preview shows how black text looks on a background with the XYZ color 53.5835, 60.0528, 89.6561.



This preview shows how white text looks on a background with the XYZ color 53.5835, 60.0528,

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

53.5835, 60.0528, 89.6561

Protanopia

58.7408, 59.6053, 84.7529

Deuteranopia

60.8241, 59.5168, 90.7202



Tritanopia

52.3843, 60.3212, 83.0109

Trichromacy



Original Color

53.5835, 60.0528, 89.6561

Protanomaly

56.4517, 59.4405, 86.3397

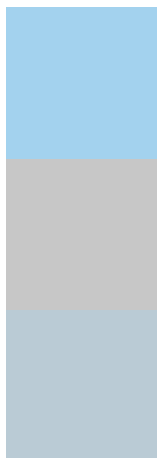
Deuteranomaly

57.6868, 59.2919, 90.0654

Tritanomaly

52.7600, 60.0961, 85.1629

Monochromacy



Original Color

53.5835, 60.0528, 89.6561

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.6159, 57.9551, 71.3114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5835, 60.0528, 89.6561 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, 210, 238)` looks like.

```
.text, #text, p{  
    color:rgb(163, 210, 238)  
}
```

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, 210, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 210, 238) }
```

Border

The CSS property to change the border of an element to XYZ 53.5835, 60.0528, 89.6561 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, 210, 238) }
```


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

```
.border{ border-color:rgb(163, 210, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 210, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 210, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 210, 238);  
box-shadow:4px 4px 4px 4px rgb(163, 210,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5835, 60.0528, 89.6561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 210, 238) }
```

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

```
.background{ background-color: rgb(163,  
210, 238) }
```

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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