

Converting Colors

XYZ(55.5003, 61.4724, 90.4872)

Have a look what the booklet for
XYZ(55.5003, 61.4724, 90.4872)
contains.

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Color

**XYZ(55.4518, 61.3666,
90.5837)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD3EF
RGB	170, 211, 239
RGB Percent	67%, 83%, 94%
CMY	0.3333, 0.1725, 0.0627
CMYK	0.29, 0.12, 0.00, 0.06
HSL	204°, 68%, 80%
HSV	204°, 29%, 94%
XYZ	55.4518, 61.3666, 90.5837
YIQ	201.9330, -33.4240, 0.0160

Conversions

Conversions Part 2

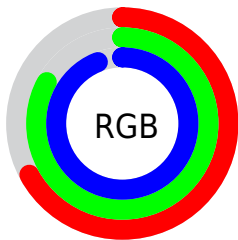
Format	Color
R _Y B	170, 196, 239
Decimal	11195375
CIE Lab	82.58, -7.10, -18.14
CIE LCh	83, 19.484, 248.630
Yxy	61.3666, 0.2674, 0.2959
Android (android.graphics.Color)	4289385455 (0xFFAAD3EF)
YUV	201.9330, 18.2740, -28.0052
Hunter-Lab	78.3368, -10.7358, -13.7234

Details

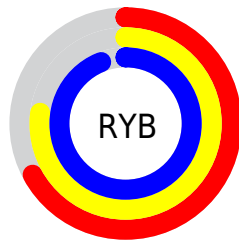
The XYZ color **55.4518, 61.3666, 90.5837** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.0472, 61.6416, 46.6068**, and the grayscale version is **56.0034, 58.9199, 64.1638**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **27.8067, 31.2458, 49.3652** is the 20% darker color. If you saturate the color by 10%, you get **48.4107, 54.2687, 89.5858**, and if you desaturate by 10%, it is **63.5813, 69.2443, 91.6768**.

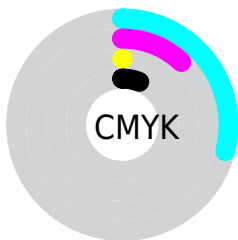
Distribution



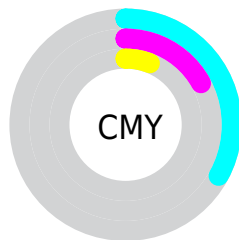
- Red (67%)
- Green (83%)
- Blue (94%)



- Red (67%)
- Yellow (77%)
- Blue (94%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (6%)



- Cyan (33%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4518, 61.3666, 90.5837 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 55.4518, 61.3666, 90.5837 by changing the saturation by 10% instead.

■ 55.4518, 61.3666,
90.5837

■ 55.4518, 61.3666,
90.5837

397.7309,
429.6169, 550.5468

■ 39.9988, 44.5211,
67.8884

■ 97.3471, 106.8096,
150.0915

■ 27.7218, 31.0804,
49.3408

124.5201,
136.1758, 187.7411

■ 18.2555, 20.6601,
34.5224

156.3305,
170.4844, 231.2126

■ 11.2344, 12.8757,
23.0146

193.1436,
210.1198, 280.9245

■ 6.2931, 7.3430,
14.3989

235.3249,
255.4664, 337.2953

■ 3.0665, 3.6775,
8.2567

283.2396,

■ 1.1890, 1.4949,

306.9085, 400.7436

4.1695

337.2532,
364.8305, 471.6879

■ 0.0977, 0.2851,
1.7188

■ 0.0000, 0.0000,
0.3736

■ 55.4518, 61.3666,
90.5837

■ 55.4518, 61.3666,
90.5837

■ 48.4107, 54.2687,
89.5858

■ 63.5813, 69.2443,
91.6768

■ 42.3987, 47.9120,
88.6757

■ 72.8431, 77.9236,
92.8640

■ 37.3595, 42.2649,
87.8513

■ 83.2853, 87.4346,
94.1494

■ 33.2283, 37.2900,
87.1088

■ 90.9423, 95.7363,
95.3482

■ 29.9317, 32.9454,
86.4440

■ 92.5802, 99.0121,
95.8942

■ 27.3830, 29.1823,
85.8519

■ 25.4544, 25.9302,
85.3259

■ 25.2566, 25.5848,
85.2696

Harmonies

Analogous

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



52.2807, 61.3666, 82.2150



55.4518, 61.3666, 90.5837



59.5394, 61.3666, 92.2100

Triad

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



55.4518, 61.3666, 90.5837



66.6253, 61.3666, 63.4287



53.4599, 61.3666, 50.4256

Complementary

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



55.4518, 61.3666, 90.5837



63.0472, 61.6416, 46.6068

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.



57.1314, 61.3666, 46.5758



55.4518, 61.3666, 90.5837



64.8226, 61.3666, 53.4740

Square

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



55.4518, 61.3666, 90.5837



66.1230, 61.3666, 75.5463



61.3001, 61.3666, 47.6211



51.1694, 61.3666, 58.7889

Rectangle

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



55.4518, 61.3666, 90.5837



62.2568, 61.3666, 89.0859



61.3001, 61.3666, 47.6211



54.5663, 61.3666, 48.6090

Sweetspot

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



55.4537, 61.3690, 90.5851



84.2058, 90.1059, 107.5618



57.5923, 74.3391, 64.4993



17.6709, 18.9599, 22.9782



0.0000, 0.0000, 0.0000



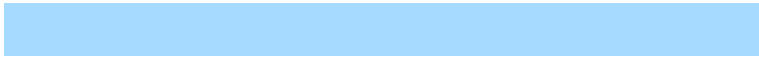
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4537, 61.3690, 90.5851



58.9991, 65.8511, 104.2087



47.8613, 46.1844, 88.0543



15.6782, 16.7906, 20.1362



14.0893, 14.4028, 47.1653



1.2695, 1.3930, 3.9562

Inverse Universe

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



61.7307, 51.8049, 68.3765



67.5887, 53.5448, 73.6426



71.7383, 79.0238, 49.5038



16.1670, 15.9165, 18.4358



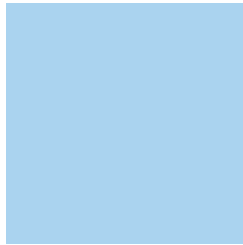
22.4372, 11.2473, 15.4850



1.9157, 0.9553, 1.5471

Previews

White Background



This preview shows how the XYZ color 55.4518, 61.3666, 90.5837 looks on a white background.

Color Contrast Check

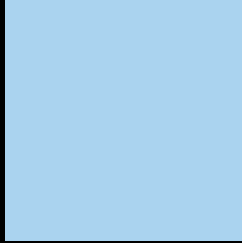
Large Text (above 18pt) WCAG AA × Fail

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 55.4518, 61.3666, 90.5837 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 55.4518, 61.3666, 90.5837

Background



This preview shows how black text looks on a background with the XYZ color 55.4518, 61.3666, 90.5837.



This preview shows how white text looks on a background with the XYZ color 55.4518, 61.3666,

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

55.4518, 61.3666, 90.5837

Protanopia

60.0266, 60.9317, 86.4392

Deuteranopia

62.2636, 60.9248, 91.6971



Tritanopia

54.2256, 61.6265, 83.9000

Trichromacy



Original Color

55.4518, 61.3666, 90.5837

Protanomaly

58.1979, 61.0176, 88.0671

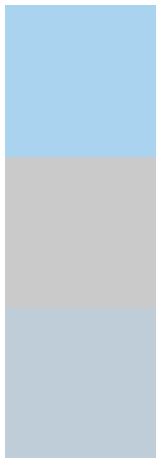
Deuteranomaly

59.5692, 60.9463, 91.0623

Tritanomaly

54.6136, 61.4052, 86.0647

Monochromacy



Original Color

55.4518, 61.3666, 90.5837

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.3323, 59.5161, 72.8614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4518, 61.3666, 90.5837 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(170, 211, 239)` looks like.

```
.text, #text, p{  
    color:rgb(170, 211, 239)  
}
```

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(170, 211, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 211, 239) }
```

Border

The CSS property to change the border of an element to XYZ 55.4518, 61.3666, 90.5837 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(170, 211, 239) }
```


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

```
.border{ border-color:rgb(170, 211, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 211, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 211, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 211, 239);  
box-shadow:4px 4px 4px 4px rgb(170, 211,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4518, 61.3666, 90.5837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 211, 239) }
```

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

```
.background{ background-color: rgb(170,  
211, 239) }
```

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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