

Converting Colors

XYZ(53.4520, 61.6284,
103.6860)

Have a look what the booklet for
XYZ(53.4520, 61.6284, 103.6860)
contains.

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Color

**XYZ(53.3349, 61.4836,
103.6642)**

Conversions

Conversions Part 1

Format	Color
Hex	8DD7FF
RGB	141, 215, 255
RGB Percent	55%, 84%, 100%
CMY	0.4470, 0.1568, 0.0000
CMYK	0.45, 0.16, 0.00, 0.00
HSL	201°, 100%, 78%
HSV	201°, 45%, 100%
XYZ	53.3349, 61.4836, 103.6642
YIQ	197.4340, -56.9440, -3.2480

Conversions

Conversions Part 2

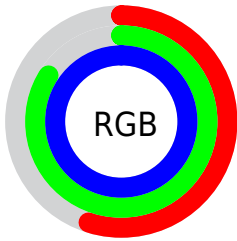
Format	Color
R _Y B	141, 186, 255
Decimal	9295871
CIE Lab	82.64, -12.76, -26.69
CIE LCh	83, 29.578, 244.454
Yxy	61.4836, 0.2441, 0.2814
Android (android.graphics.Color)	4287485951 (0xFF8DD7FF)
YUV	197.4340, 28.3800, -49.4926
Hunter-Lab	78.4115, -15.8057, -23.4965

Details

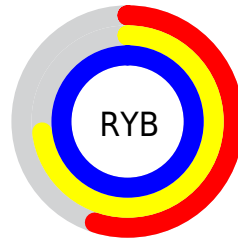
The XYZ color **53.3349, 61.4836, 103.6642** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **62.5722, 56.2314, 32.7570**, and the grayscale version is **53.1932, 55.9634, 60.9441**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **26.3311, 31.0578, 58.0330** is the 20% darker color. If you saturate the color by 10%, you get **47.2717, 55.0691, 102.7456**, and if you desaturate by 10%, it is **60.5243, 68.6664, 104.6717**.

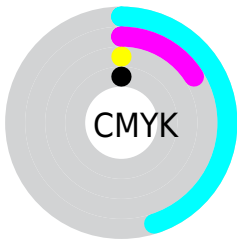
Distribution



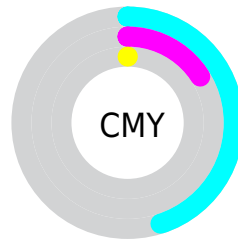
- Red (55%)
- Green (84%)
- Blue (100%)



- Red (55%)
- Yellow (73%)
- Blue (100%)



- Cyan (45%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3349, 61.4836, 103.6642 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 53.3349, 61.4836, 103.6642 by changing the saturation by 10% instead.

53.3349, 61.4836,
103.6642

53.3349, 61.4836,
103.6642

389.8085,
430.0449, 593.2244

38.2987, 44.6156,
78.7303

94.2596, 106.9788,
168.2792

26.3929, 31.1547,
58.1541

120.8789,
136.3748, 208.7974

17.2520, 20.7167,
41.5170

152.0899,
170.7156, 255.3475

10.5108, 12.9171,
28.4006

188.2580,
210.3856, 308.3479

5.8037, 7.3715,
18.3862

229.7486,
255.7691, 368.2173

2.7656, 3.6955,
11.0553

276.9269,

1.0311, 1.5047,

307.2505, 435.3741

5.9894

330.1585,
365.2144, 510.2370

■ 0.0000, 0.2920,
2.7699

■ 0.0000, 0.0000,
0.9784

■ 53.3349, 61.4836,
103.6642

■ 53.3349, 61.4836,
103.6642

■ 47.2717, 55.0691,
102.7456

■ 60.5243, 68.6664,
104.6717

■ 42.2581, 49.3763,
101.9111

■ 68.8993, 76.6469,
105.7707

■ 38.2153, 44.3630,
101.1565

■ 78.5214, 85.4609,
106.9648

■ 35.0503, 39.9782,
100.4770

■ 89.4458, 95.1396,
108.2572

■ 32.6487, 36.1598,
99.8665

95.0500, 100.0000,
108.9000

■ 31.6011, 34.3221,
99.5670

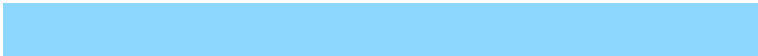
Harmonies

Analogous

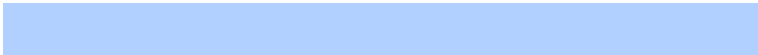
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.9472, 61.4836, 88.7146



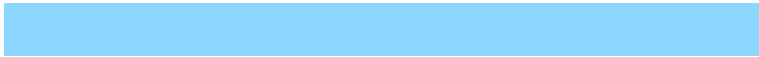
53.3349, 61.4836, 103.6642



59.3905, 61.4836, 108.1571

Triad

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



53.3349, 61.4836, 103.6642



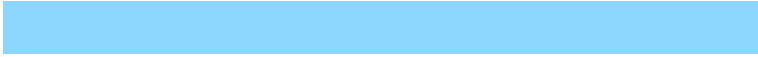
71.4609, 61.4836, 64.2693



51.8063, 61.4836, 42.0758

Complementary

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



53.3349, 61.4836, 103.6642



62.5722, 56.2314, 32.7570

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.



57.4963, 61.4836, 37.8102



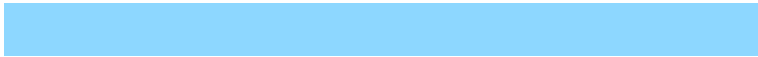
53.3349, 61.4836, 103.6642



69.0833, 61.4836, 49.0646

Square

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



53.3349, 61.4836, 103.6642



70.1476, 61.4836, 83.1664



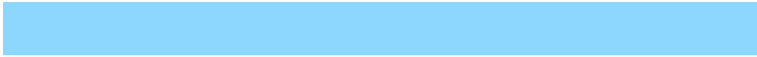
63.8573, 61.4836, 40.1168



48.1104, 61.4836, 52.9835

Rectangle

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



53.3349, 61.4836, 103.6642



63.6339, 61.4836, 104.0415



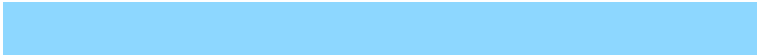
63.8573, 61.4836, 40.1168



53.5335, 61.4836, 39.9170

Sweetspot

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



53.3367, 61.4859, 103.6646



80.2894, 87.0482, 107.1780



55.0759, 80.5154, 56.3022



16.6966, 18.1928, 22.8815



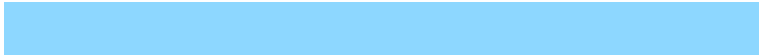
0.0000, 0.0000, 0.0000



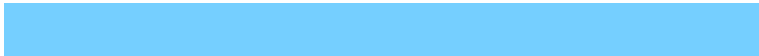
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3367, 61.4859, 103.6646



47.6635, 55.4966, 102.8075



41.2799, 37.3724, 99.6456



17.9871, 19.3458, 23.0360



16.6577, 18.2250, 52.0744



1.7246, 1.9798, 5.1045

Inverse Universe

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



63.0318, 45.2176, 69.6981



58.8605, 38.5423, 63.1679



76.5937, 84.2745, 37.4308



18.5061, 18.1858, 21.2824



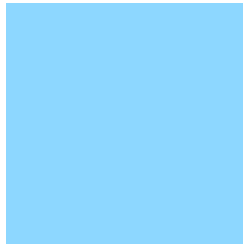
25.1962, 12.5678, 20.2157



2.5051, 1.2444, 2.2412

Previews

White Background



This preview shows how the XYZ color 53.3349, 61.4836, 103.6642 looks on a white background.

Color Contrast Check

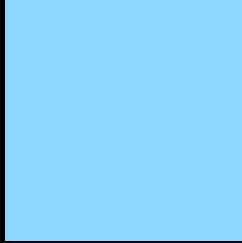
Large Text (above 18pt) WCAG AA × Fail

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 53.3349, 61.4836, 103.6642 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

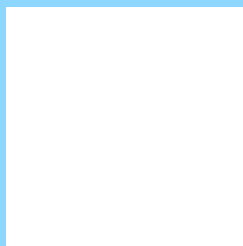
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3349, 61.4836, 103.6642

Background



This preview shows how black text looks on a background with the XYZ color 53.3349, 61.4836, 103.6642.

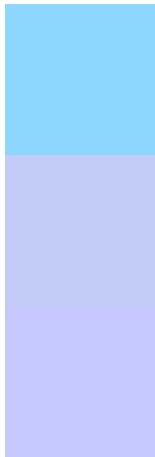


This preview shows how white text looks on a background with the XYZ color 53.3349, 61.4836,

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

53.3349, 61.4836, 103.6642

Protanopia

60.6501, 61.0294, 96.5789

Deuteranopia

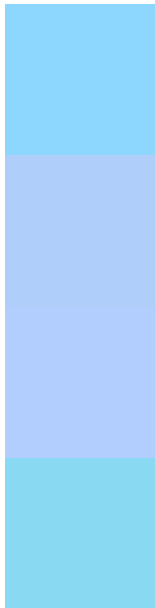
62.2253, 60.9991, 103.1021



Tritanopia

50.2034, 61.3498, 88.5526

Trichromacy



Original Color

53.3349, 61.4836, 103.6642

Protanomaly

57.2473, 60.6417, 99.1302

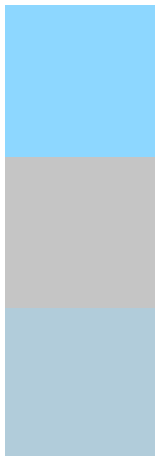
Deuteranomaly

58.2528, 60.7097, 103.2556

Tritanomaly

51.3070, 61.4151, 93.9442

Monochromacy



Original Color

53.3349, 61.4836, 103.6642

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.3792, 57.5948, 74.6859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3349, 61.4836, 103.6642 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(141, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 215, 255)  
}
```

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(141, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.3349, 61.4836, 103.6642 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(141, 215, 255) }
```


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

```
.border{ border-color:rgb(141, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3349, 61.4836, 103.6642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 215, 255) }
```

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

```
.background{ background-color: rgb(141,  
215, 255) }
```

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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