

Converting Colors

XYZ(54.3919, 61.4434,
101.5375)

Have a look what the booklet for
XYZ(54.3919, 61.4434, 101.5375)
contains.

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Color

**XYZ(54.4728, 61.3557,
101.9003)**

Conversions

Conversions Part 1

Format	Color
Hex	98D5FD
RGB	152, 213, 253
RGB Percent	60%, 84%, 99%
CMY	0.4039, 0.1647, 0.0078
CMYK	0.40, 0.16, 0.00, 0.01
HSL	204°, 96%, 79%
HSV	204°, 40%, 99%
XYZ	54.4728, 61.3557, 101.9003
YIQ	199.3210, -49.1960, -0.4920

Conversions

Conversions Part 2

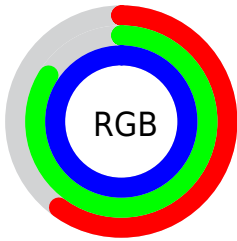
Format	Color
RYB	152, 190, 253
Decimal	10016253
CIELab	82.57, -9.55, -25.68
CIElCh	83, 27.400, 249.606
Yxy	61.3557, 0.2502, 0.2818
Android (android.graphics.Color)	4288206333 (0xFF98D5FD)
YUV	199.3210, 26.4637, -41.5005
Hunter-Lab	78.3299, -12.9434, -22.3002

Details

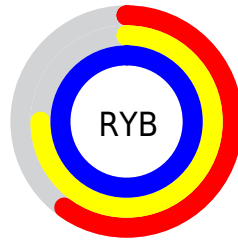
The XYZ color **54.4728, 61.3557, 101.9003** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.0266, 60.8505, 38.0259**, and the grayscale version is **54.3488, 57.1792, 62.2682**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **27.0145, 30.9260, 56.7701** is the 20% darker color. If you saturate the color by 10%, you get **47.7904, 54.2856, 100.8889**, and if you desaturate by 10%, it is **62.3247, 69.2626, 103.0137**.

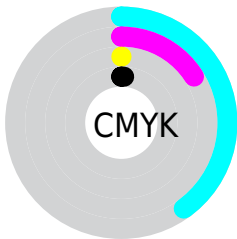
Distribution



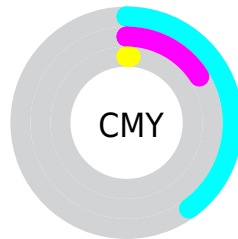
- Red (60%)
- Green (84%)
- Blue (99%)



- Red (60%)
- Yellow (75%)
- Blue (99%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)



- Cyan (40%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4728, 61.3557, 101.9003 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 54.4728, 61.3557, 101.9003 by changing the saturation by 10% instead.

■ 54.4728, 61.3557,
101.9003

■ 54.4728, 61.3557,
101.9003

394.0794,
429.5770, 587.5668

■ 39.2120, 44.5123,
77.2628

■ 95.9209, 106.7938,
165.8408

■ 27.1061, 31.0735,
56.9557

■ 122.8389,
136.1573, 205.9808

■ 17.7899, 20.6548,
40.5606

154.3734,
170.4629, 252.1255

■ 10.8981, 12.8719,
27.6588

190.8896,
210.0951, 304.6933

■ 6.0651, 7.3404,
17.8318

232.7529,
255.4382, 364.1028

■ 2.9257, 3.6759,
10.6611

280.3288,

■ 1.1146, 1.4940,

306.8766, 430.7725

5.7282

333.9825,
364.7947, 505.1210

■ 0.0373, 0.2845,
2.6144

■ 0.0000, 0.0000,
0.8999

■ 54.4728, 61.3557,
101.9003

■ 54.4728, 61.3557,
101.9003

■ 47.7904, 54.2856,
100.8889

■ 62.3247, 69.2626,
103.0137

■ 42.2041, 48.0061,
99.9713

■ 71.4021, 78.0351,
104.2286

■ 37.6407, 42.4768,
99.1445

■ 81.7640, 87.7090,
105.5497

■ 34.0144, 37.6490,
98.4038

■ 93.4639, 98.3156,
106.9803

■ 31.2236, 33.4658,
97.7435

94.7298, 99.8719,
107.2140

■ 29.1049, 29.8383,
97.1549

■ 29.0891, 29.8105,
97.1504

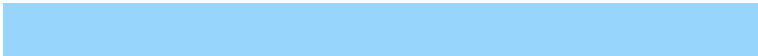
Harmonies

Analogous

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



50.0489, 61.3557, 89.5949



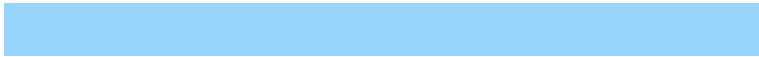
54.4728, 61.3557, 101.9003



60.2198, 61.3557, 103.9979

Triad

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



54.4728, 61.3557, 101.9003



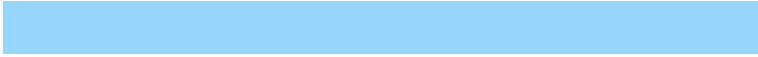
70.1634, 61.3557, 61.5576



51.4157, 61.3557, 44.8754

Complementary

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



54.4728, 61.3557, 101.9003



65.0266, 60.8505, 38.0259

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.



56.4542, 61.3557, 39.7428



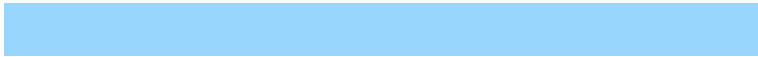
54.4728, 61.3557, 101.9003



67.4484, 61.3557, 48.2514

Square

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



54.4728, 61.3557, 101.9003



69.5442, 61.3557, 78.7103



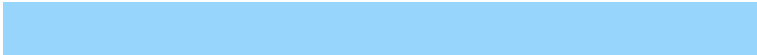
62.3374, 61.3557, 40.8654



48.3678, 61.3557, 56.1667

Rectangle

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



54.4728, 61.3557, 101.9003



64.0702, 61.3557, 99.0216



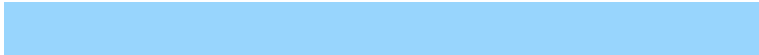
62.3374, 61.3557, 40.8654



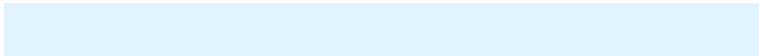
52.9185, 61.3557, 42.4663

Sweetspot

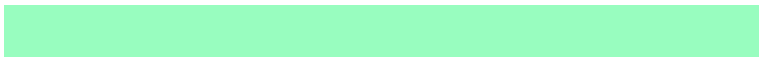
The Sweet Spot groups the original color and five complimentary colors.



54.4748, 61.3581, 101.9017



80.9297, 87.1615, 107.1661



57.4487, 80.6765, 61.6732



17.0188, 18.3748, 22.8996



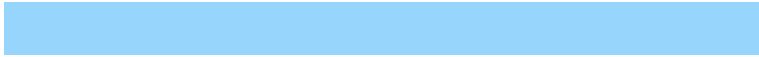
0.0000, 0.0000, 0.0000



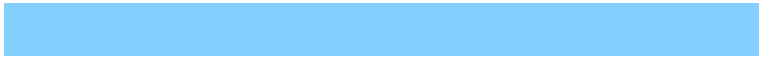
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4748, 61.3581, 101.9017



49.8579, 56.5702, 102.8991



43.9171, 40.2428, 98.3825



17.9158, 19.2033, 23.0123



15.6204, 16.1505, 51.7287



1.6276, 1.7859, 5.0722

Inverse Universe

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



63.7482, 48.1452, 68.8862



60.7774, 42.4076, 63.7101



77.6964, 86.1900, 42.2492



18.4702, 18.1714, 21.0930



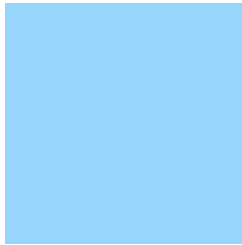
24.6727, 12.3584, 17.4586



2.4562, 1.2248, 1.9835

Previews

White Background



This preview shows how the XYZ color 54.4728, 61.3557, 101.9003 looks on a white background.

Color Contrast Check

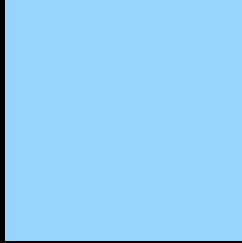
Large Text (above 18pt) WCAG AA × Fail

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 54.4728, 61.3557, 101.9003 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 54.4728, 61.3557, 101.9003

Background



This preview shows how black text looks on a background with the XYZ color 54.4728, 61.3557, 101.9003.



This preview shows how white text looks on a background with the XYZ color 54.4728, 61.3557,

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

54.4728, 61.3557, 101.9003

Protanopia

60.4962, 60.9678, 95.7682

Deuteranopia

62.4898, 61.1354, 103.1145



Tritanopia

51.4398, 61.2553, 86.9542

Trichromacy



Original Color

54.4728, 61.3557, 101.9003

Protanomaly

58.0021, 61.0489, 98.3491

Deuteranomaly

59.0121, 60.7635, 102.3842

Tritanomaly

52.5720, 61.3413, 92.2883

Monochromacy



Original Color

54.4728, 61.3557, 101.9003

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.6705, 58.2453, 75.4316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4728, 61.3557, 101.9003 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(152, 213, 253)` looks like.

```
.text, #text, p{  
    color:rgb(152, 213, 253)  
}
```

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(152, 213, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 213, 253) }
```

Border

The CSS property to change the border of an element to XYZ 54.4728, 61.3557, 101.9003 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(152, 213, 253) }
```


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

```
.border{ border-color:rgb(152, 213, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 213, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 213, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 213, 253);  
box-shadow:4px 4px 4px 4px rgb(152, 213,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4728, 61.3557, 101.9003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 213, 253) }
```

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

```
.background{ background-color: rgb(152,  
213, 253) }
```

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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