

Converting Colors

XYZ(59.4354, 72.6564,
105.4993)

Have a look what the booklet for
XYZ(59.4354, 72.6564, 105.4993)
contains.

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Color

**XYZ(59.4354, 72.6564,
105.4993)**

Conversions

Conversions Part 1

Format	Color
Hex	91EBFF
RGB	145, 235, 255
RGB Percent	57%, 92%, 100%
CMY	0.4314, 0.0784, 0.0000
CMYK	0.43, 0.08, 0.00, 0.00
HSL	191°, 100%, 78%
HSV	191°, 43%, 100%
XYZ	59.4354, 72.6564, 105.4993
YIQ	210.3700, -60.0600, -12.8600

Conversions

Conversions Part 2

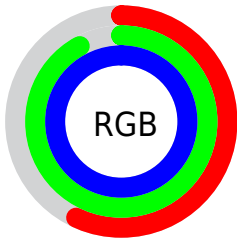
Format	Color
RYB	145, 195, 255
Decimal	9563135
CIELab	88.28, -21.93, -18.11
CIELCh	88, 28.439, 219.546
Yxy	72.6564, 0.2502, 0.3058
Android (android.graphics.Color)	4287753215 (0xFF91EBFF)
YUV	210.3700, 22.0026, -57.3295
Hunter-Lab	85.2387, -24.7030, -13.7157

Details

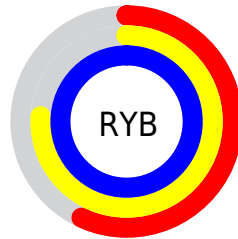
The XYZ color **59.4354, 72.6564, 105.4993** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.8065, 50.2151, 33.3304**, and the grayscale version is **61.3916, 64.5888, 70.3372**.

A 20% lighter version of the original color is **78.4386, 91.4365, 108.1226**, and **30.2436, 38.3437, 59.2331** is the 20% darker color. If you saturate the color by 10%, you get **54.1267, 67.9766, 104.8758**, and if you desaturate by 10%, it is **65.7910, 77.9306, 106.1823**.

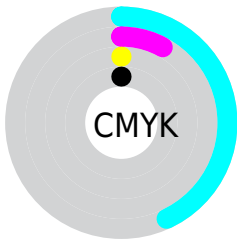
Distribution



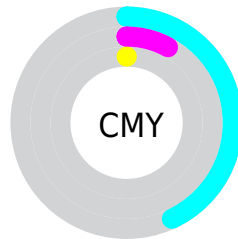
- Red (57%)
- Green (92%)
- Blue (100%)



- Red (57%)
- Yellow (76%)
- Blue (100%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4354, 72.6564, 105.4993 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 59.4354, 72.6564, 105.4993 by changing the saturation by 10% instead.

59.4354, 72.6564,
105.4993

59.4354, 72.6564,
105.4993

412.3817,
469.8231, 599.0803

43.2114, 53.6951,
80.2587

103.1212,
122.9893, 170.8117

30.2463, 38.3579,
59.4039

131.3138,
155.1296, 211.7206

20.1746, 26.2606,
42.5162

164.2266,
192.4318, 258.6894

12.6310, 17.0187,
29.1771

202.2250,
235.2801, 312.1366

7.2502, 10.2478,
18.9681

245.6744,
284.0590, 372.4808

3.6668, 5.5636,
11.4706

294.9400,

1.5154, 2.5816,

339.1529, 440.1404

6.2662

350.3873,
400.9461, 515.5341

■ 0.3363, 0.9174,
2.9362

■ 0.0000, 0.0000,
1.0622

■ 59.4354, 72.6564,
105.4993

■ 59.4354, 72.6564,
105.4993

■ 54.1267, 67.9766,
104.8758

■ 65.7910, 77.9306,
106.1823

■ 49.7903, 63.8473,
104.3073

■ 73.2498, 83.8236,
106.9266

■ 46.3513, 60.2313,
103.7906

■ 81.8709, 90.3678,
107.7354

■ 43.7207, 57.0821,
103.3214

■ 91.7076, 97.5912,
108.6112

■ 41.7902, 54.3437,
102.8946

95.0500, 100.0000,
108.9000

■ 40.7631, 52.6461,
102.6210

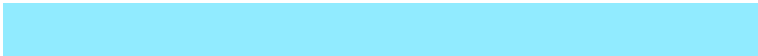
Harmonies

Analogous

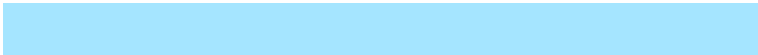
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.9214, 72.6564, 85.5006



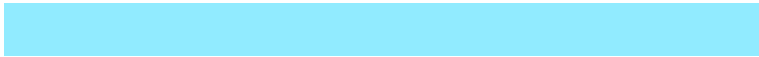
59.4354, 72.6564, 105.4993



64.5777, 72.6564, 119.7528

Triad

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



59.4354, 72.6564, 105.4993



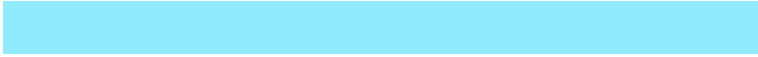
82.0813, 72.6564, 92.9672



66.9067, 72.6564, 47.5653

Complementary

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



59.4354, 72.6564, 105.4993



59.8065, 50.2151, 33.3304

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.



73.7403, 72.6564, 48.8931



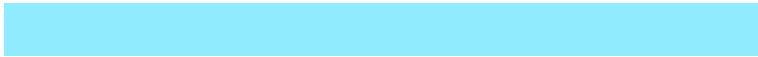
59.4354, 72.6564, 105.4993



82.8070, 72.6564, 73.0469

Square

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



59.4354, 72.6564, 105.4993



77.7440, 72.6564, 111.7315



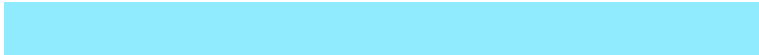
79.6663, 72.6564, 57.5357



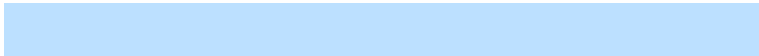
61.0439, 72.6564, 53.5506

Rectangle

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



59.4354, 72.6564, 105.4993



68.9539, 72.6564, 122.8986



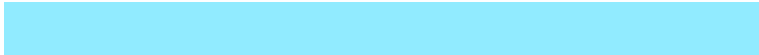
79.6663, 72.6564, 57.5357



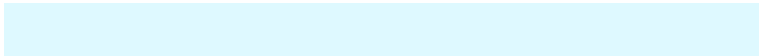
69.1616, 72.6564, 47.1968

Sweetspot

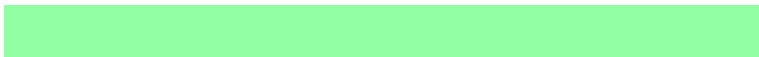
The Sweet Spot groups the original color and five complimentary colors.



59.4374, 72.6591, 105.4997



81.9958, 90.4610, 107.7468



54.0791, 80.1966, 47.4383



17.1204, 19.0405, 23.0228



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.



59.4374, 72.6591, 105.4997



54.6792, 68.4797, 104.9437



46.3884, 46.5611, 101.1500



18.2575, 19.8867, 23.1262



21.4011, 27.7118, 53.6555



2.1535, 2.8377, 5.2475

Inverse Universe

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



66.3621, 47.5107, 84.2731



62.6577, 41.0411, 80.1426



71.5096, 73.6212, 37.2314



18.6426, 18.2404, 22.0013



27.5905, 13.5255, 32.8237



2.7216, 1.3310, 3.3813

Previews

White Background



This preview shows how the XYZ color 59.4354, 72.6564, 105.4993 looks on a white background.

Color Contrast Check

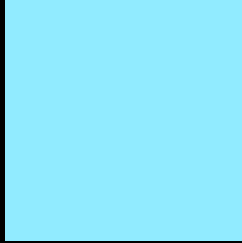
Large Text (above 18pt) WCAG AA × Fail

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 59.4354, 72.6564, 105.4993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

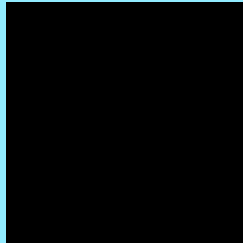
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4354, 72.6564, 105.4993

Background



This preview shows how black text looks on a background with the XYZ color 59.4354, 72.6564, 105.4993.

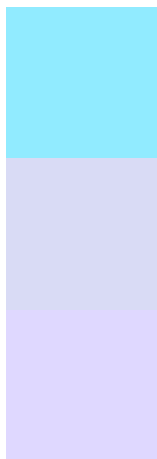


This preview shows how white text looks on a background with the XYZ color 59.4354, 72.6564,

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

59.4354, 72.6564, 105.4993

Protanopia

70.4282, 72.0073, 96.5730

Deuteranopia

73.0373, 72.0197, 104.6595



Tritanopia

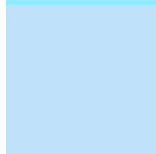
59.2748, 72.5922, 104.6535

Trichromacy



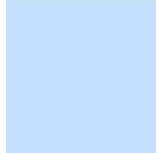
Original Color

59.4354, 72.6564, 105.4993



Protanomaly

65.5100, 71.7663, 100.0221



Deuteranomaly

66.9434, 71.5975, 104.8991



Tritanomaly

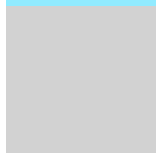
59.2748, 72.5922, 104.6535

Monochromacy



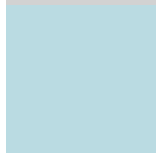
Original Color

59.4354, 72.6564, 105.4993



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

59.3087, 66.5931, 81.6794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4354, 72.6564, 105.4993 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(145, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 235, 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(145, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.4354, 72.6564, 105.4993 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(145, 235, 255) }
```


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

```
.border{ border-color:rgb(145, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4354, 72.6564, 105.4993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 235, 255) }
```

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

```
.background{ background-color: rgb(145,  
235, 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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