

Converting Colors

XYZ(54.5370, 62.8947, 98.8702)

Have a look what the booklet for
XYZ(54.5370, 62.8947, 98.8702)
contains.

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Color

**XYZ(54.6742, 63.0446,
98.9097)**

Conversions

Conversions Part 1

Format	Color
Hex	97D9F9
RGB	151, 217, 249
RGB Percent	59%, 85%, 98%
CMY	0.4078, 0.1490, 0.0235
CMYK	0.39, 0.13, 0.00, 0.02
HSL	200°, 89%, 78%
HSV	200°, 39%, 98%
XYZ	54.6742, 63.0446, 98.9097
YIQ	200.9140, -49.6080, -4.0400

Conversions

Conversions Part 2

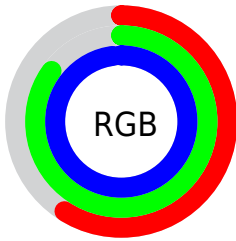
Format	Color
R_{YB}	151, 190, 249
Decimal	9951737
CIE Lab	83.47, -12.90, -22.20
CIE LCh	83, 25.679, 239.845
Yxy	63.0446, 0.2524, 0.2910
Android (android.graphics.Color)	4288141817 (0xFF97D9F9)
YUV	200.9140, 23.7064, -43.7746
Hunter-Lab	79.4006, -16.0384, -18.2774

Details

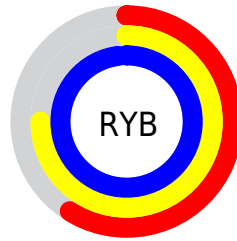
The XYZ color **54.6742, 63.0446, 98.9097** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.5874, 56.2420, 36.8896**, and the grayscale version is **55.3456, 58.2278, 63.4101**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **27.2653, 32.1238, 55.2156** is the 20% darker color. If you saturate the color by 10%, you get **48.4881, 56.8221, 98.0358**, and if you desaturate by 10%, it is **61.9434, 69.9815, 99.8666**.

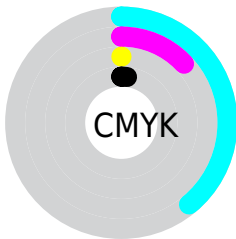
Distribution



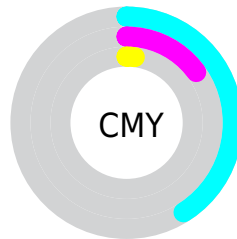
- Red (59%)
- Green (85%)
- Blue (98%)



- Red (59%)
- Yellow (75%)
- Blue (98%)



- Cyan (39%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (41%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6742, 63.0446, 98.9097 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 54.6742, 63.0446, 98.9097 by changing the saturation by 10% instead.

■ 54.6742, 63.0446,
98.9097

■ 54.6742, 63.0446,
98.9097

394.8323,
435.7313, 577.9082

■ 39.3737, 45.8773,
74.7785

■ 96.2146, 109.2339,
161.6968

■ 27.2326, 32.1490,
54.9308

■ 123.1852,
139.0246, 201.1899

■ 17.8855, 21.4753,
38.9481

154.7765,
173.7919, 246.6405

■ 10.9670, 13.4719,
26.4118

191.3540,
213.9202, 298.4675

■ 6.1118, 7.7543,
16.9035

233.2830,
259.7939, 357.0891

■ 2.9545, 3.9381,
10.0045

280.9288,

■ 1.1297, 1.6390,

311.7974, 422.9241

5.2963

334.6568,
370.3151, 496.3910

■ 0.0498, 0.3837,
2.3604

■ 0.0000, 0.0000,
0.7647

■ 54.6742, 63.0446,
98.9097

■ 54.6742, 63.0446,
98.9097

■ 48.4881, 56.8221,
98.0358

■ 61.9434, 69.9815,
99.8666

■ 43.3156, 51.2719,
97.2371

■ 70.3477, 77.6576,
100.9053

■ 39.0883, 46.3577,
96.5114

■ 79.9427, 86.1051,
102.0301

■ 35.7257, 42.0360,
95.8544

■ 90.7785, 95.3517,
103.2438

■ 33.1327, 38.2551,
95.2613

■ 94.0991, 99.6196,
103.8926

■ 31.1629, 34.9375,
94.7248

■ 31.0462, 34.7339,
94.6916

Harmonies

Analogous

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



51.0595, 63.0446, 85.1628



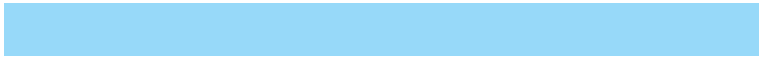
54.6742, 63.0446, 98.9097



59.8928, 63.0446, 104.3295

Triad

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



54.6742, 63.0446, 98.9097



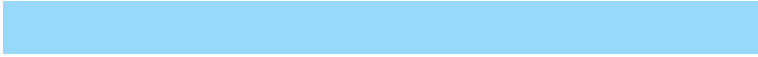
71.3471, 63.0446, 68.7285



54.7218, 63.0446, 45.2213

Complementary

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



54.6742, 63.0446, 98.9097



61.5874, 56.2420, 36.8896

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.



59.9512, 63.0446, 42.1952



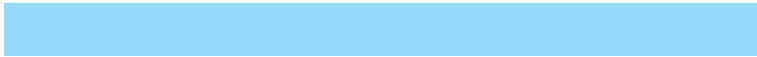
54.6742, 63.0446, 98.9097



69.7549, 63.0446, 54.4140

Square

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



54.6742, 63.0446, 98.9097



69.7226, 63.0446, 85.3300



65.4953, 63.0446, 45.2846



51.0857, 63.0446, 54.2901

Rectangle

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



54.6742, 63.0446, 98.9097



63.6520, 63.0446, 101.9277



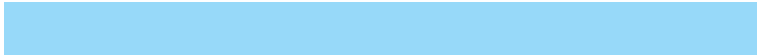
65.4953, 63.0446, 45.2846



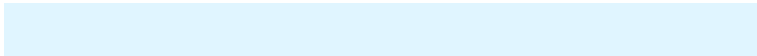
56.3406, 63.0446, 43.5328

Sweetspot

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



54.6762, 63.0470, 98.9112



81.5696, 88.4414, 107.3795



55.0866, 77.7108, 56.3720



17.1697, 18.6766, 22.9499



0.0000, 0.0000, 0.0000



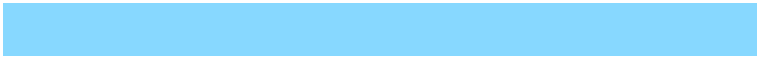
20.3446, 21.4041, 23.3091

Same Dimension

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



54.6762, 63.0470, 98.9112



52.5877, 61.4272, 103.6927



44.0447, 41.7842, 95.3674



17.2602, 18.5973, 22.0652



16.7534, 18.8623, 50.7313



1.6482, 1.9400, 4.7308

Inverse Universe

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



62.6595, 47.2844, 71.4726



62.3024, 43.5808, 70.0041



73.2394, 79.5460, 40.7736



17.7379, 17.4225, 20.4755



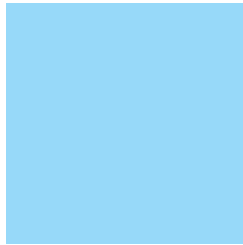
24.7484, 12.3151, 21.1811



2.3408, 1.1601, 2.2183

Previews

White Background



This preview shows how the XYZ color 54.6742, 63.0446, 98.9097 looks on a white background.

Color Contrast Check

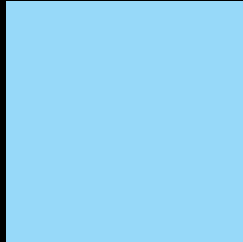
Large Text (above 18pt) WCAG AA × Fail

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 54.6742, 63.0446, 98.9097 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 54.6742, 63.0446, 98.9097

Background



This preview shows how black text looks on a background with the XYZ color 54.6742, 63.0446, 98.9097.

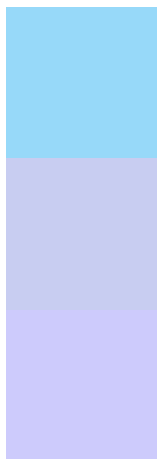


This preview shows how white text looks on a background with the XYZ color 54.6742, 63.0446,

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

54.6742, 63.0446, 98.9097

Protanopia

61.5279, 62.2929, 91.9999

Deuteranopia

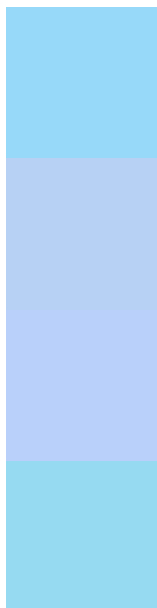
64.1035, 62.7193, 100.8229



Tritanopia

52.8303, 63.0734, 89.5107

Trichromacy



Original Color

54.6742, 63.0446, 98.9097

Protanomaly

58.4210, 62.0777, 94.4910

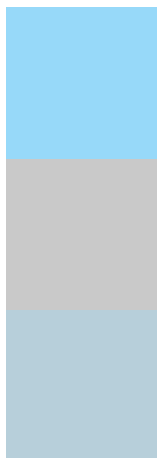
Deuteranomaly

59.9760, 62.3911, 100.1484

Tritanomaly

53.3430, 62.8832, 92.5453

Monochromacy



Original Color

54.6742, 63.0446, 98.9097

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.4962, 59.7549, 74.9913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6742, 63.0446, 98.9097 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(151, 217, 249)` looks like.

```
.text, #text, p{  
    color:rgb(151, 217, 249)  
}
```

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(151, 217, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 217, 249) }
```

Border

The CSS property to change the border of an element to XYZ 54.6742, 63.0446, 98.9097 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(151, 217, 249) }
```


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

```
.border{ border-color:rgb(151, 217, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 217, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 217, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 217, 249);  
box-shadow:4px 4px 4px 4px rgb(151, 217,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6742, 63.0446, 98.9097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 217, 249) }
```

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

```
.background{ background-color: rgb(151,  
217, 249) }
```

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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