

Converting Colors

XYZ(53.2793, 59.5748,
103.2987)

Have a look what the booklet for
XYZ(53.2793, 59.5748, 103.2987)
contains.

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Color

**XYZ(53.3093, 59.6091,
103.3037)**

Conversions

Conversions Part 1

Format	Color
Hex	94D2FF
RGB	148, 210, 255
RGB Percent	58%, 82%, 100%
CMY	0.4196, 0.1765, 0.0000
CMYK	0.42, 0.18, 0.00, 0.00
HSL	205°, 100%, 79%
HSV	205°, 42%, 100%
XYZ	53.3093, 59.6091, 103.3037
YIQ	196.5920, -51.3970, 0.8510

Conversions

Conversions Part 2

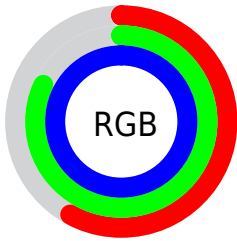
Format	Color
RYB	148, 187, 255
Decimal	9753343
CIELab	81.63, -8.46, -28.20
CIELCh	82, 29.445, 253.311
Yxy	59.6091, 0.2465, 0.2757
Android (android.graphics.Color)	4287943423 (0xFF94D2FF)
YUV	196.5920, 28.7951, -42.6152
Hunter-Lab	77.2069, -11.8627, -25.2858

Details

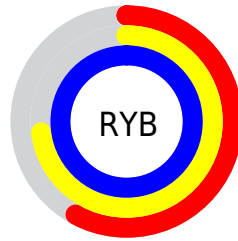
The XYZ color **53.3093, 59.6091, 103.3037** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.6558, 61.5386, 36.4365**, and the grayscale version is **52.6809, 55.4244, 60.3571**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **26.3959, 30.0783, 57.8406** is the 20% darker color. If you saturate the color by 10%, you get **46.6355, 52.3702, 102.2582**, and if you desaturate by 10%, it is **61.1799, 67.7310, 104.4566**.

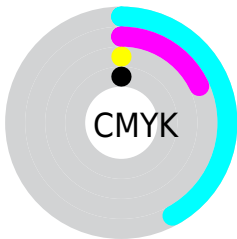
Distribution



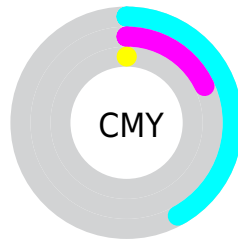
- Red (58%)
- Green (82%)
- Blue (100%)



- Red (58%)
- Yellow (73%)
- Blue (100%)



- Cyan (42%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3093, 59.6091, 103.3037 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 53.3093, 59.6091, 103.3037 by changing the saturation by 10% instead.

■ 53.3093, 59.6091,
103.3037

■ 53.3093, 59.6091,
103.3037

389.7121,
423.1554, 592.0704

■ 38.2782, 43.1036,
78.4302

■ 94.2222, 104.2624,
167.7812

■ 26.3769, 29.9664,
57.9089

■ 120.8347,
133.1790, 208.2223

■ 17.2400, 19.8131,
41.3212

152.0384,
167.0015, 254.6898

■ 10.5021, 12.2593,
28.2486

188.1986,
206.1142, 307.6020

■ 5.7979, 6.9205,
18.2725

229.6808,
250.9016, 367.3777

■ 2.7621, 3.4124,
10.9743

276.8502,

■ 1.0292, 1.3507,

301.7480, 434.4353

5.9356

330.0722,
359.0378, 509.1933

■ 0.0000, 0.1799,
2.7378

■ 0.0000, 0.0000,
0.9624

■ 53.3093, 59.6091,
103.3037

■ 53.3093, 59.6091,
103.3037

■ 46.6355, 52.3702,
102.2582

■ 61.1799, 67.7310,
104.4566

■ 41.0824, 45.9660,
101.3148

■ 70.3068, 76.7676,
105.7198

■ 36.5727, 40.3527,
100.4690

■ 80.7514, 86.7567,
107.0974

■ 33.0154, 35.4780,
99.7156

■ 92.5694, 97.7317,
108.5929

■ 30.3019, 31.2802,
99.0483

95.0500, 100.0000,
108.9000

■ 28.6025, 28.3250,
98.5675

Harmonies

Analogous

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



48.4357, 59.6091, 91.1849



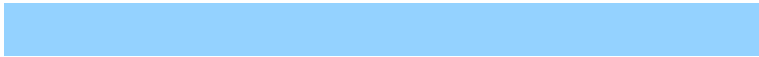
53.3093, 59.6091, 103.3037



59.4393, 59.6091, 104.0138

Triad

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



53.3093, 59.6091, 103.3037



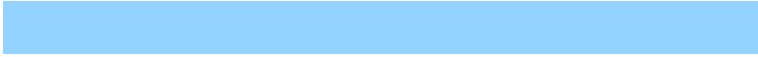
69.0365, 59.6091, 57.3736



48.8836, 59.6091, 43.1403

Complementary

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



53.3093, 59.6091, 103.3037



65.6558, 61.5386, 36.4365

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.



53.9623, 59.6091, 37.0800



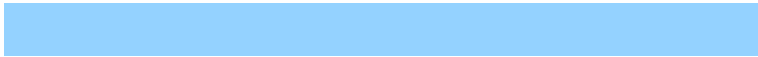
53.3093, 59.6091, 103.3037



65.7589, 59.6091, 44.2308

Square

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



53.3093, 59.6091, 103.3037



68.8297, 59.6091, 75.1857



60.1413, 59.6091, 37.4389



46.0108, 59.6091, 55.6055

Rectangle

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



53.3093, 59.6091, 103.3037



63.4425, 59.6091, 97.7340



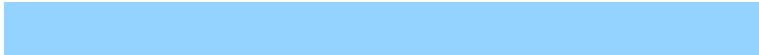
60.1413, 59.6091, 37.4389



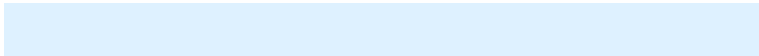
50.3728, 59.6091, 40.3973

Sweetspot

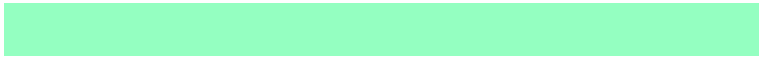
The Sweet Spot groups the original color and five complimentary colors.



53.3110, 59.6113, 103.3041



79.6010, 85.6714, 106.9486



57.5530, 81.6481, 62.9365



16.5263, 17.8522, 22.8247



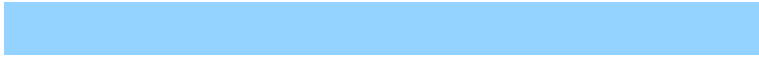
0.0000, 0.0000, 0.0000



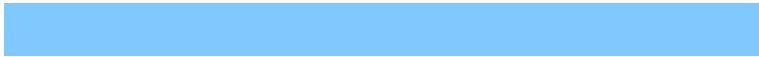
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3110, 59.6113, 103.3041



47.8525, 53.7215, 102.4549



42.3071, 37.6035, 99.6361



17.8773, 19.1263, 22.9995



15.0964, 15.1024, 51.5540



1.5780, 1.6867, 5.0557

Inverse Universe

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



63.4639, 47.0945, 66.7204



59.4816, 40.8032, 60.2341



79.5669, 89.3607, 41.0735



18.4507, 18.1636, 20.9907



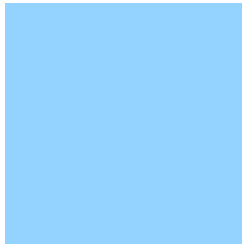
24.4082, 12.2526, 16.0658



2.4311, 1.2148, 1.8517

Previews

White Background



This preview shows how the XYZ color 53.3093, 59.6091, 103.3037 looks on a white background.

Color Contrast Check

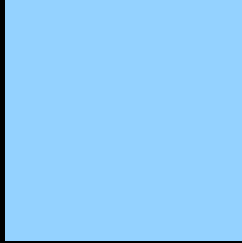
Large Text (above 18pt) WCAG AA × Fail

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 53.3093, 59.6091, 103.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

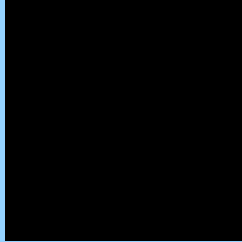
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

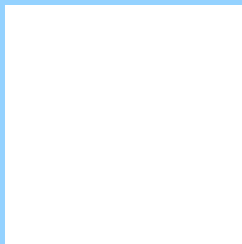
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3093, 59.6091, 103.3037

Background



This preview shows how black text looks on a background with the XYZ color 53.3093, 59.6091, 103.3037.



This preview shows how white text looks on a background with the XYZ color 53.3093, 59.6091,

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

53.3093, 59.6091, 103.3037

Protanopia

59.0834, 59.1622, 97.1124

Deuteranopia

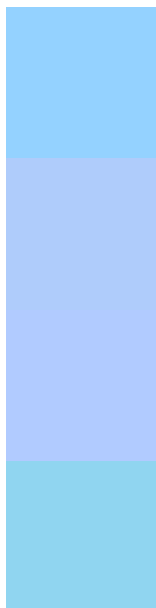
60.4657, 59.4043, 102.8870



Tritanopia

49.6257, 59.6134, 84.4923

Trichromacy



Original Color

53.3093, 59.6091, 103.3037

Protanomaly

56.6846, 59.2647, 99.7184

Deuteranomaly

57.5374, 59.2790, 103.0172

Tritanomaly

51.0240, 59.8091, 91.2931

Monochromacy



Original Color

53.3093, 59.6091, 103.3037

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.3658, 56.8867, 74.5499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3093, 59.6091, 103.3037 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(148, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 210, 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(148, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.3093, 59.6091, 103.3037 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(148, 210, 255) }
```


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

```
.border{ border-color:rgb(148, 210, 255) }
```

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

Here you see how a box with a 4 pixel rgb(148, 210, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 210,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3093, 59.6091, 103.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 210, 255) }
```

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

```
.background{ background-color: rgb(148,  
210, 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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