

Converting Colors

XYZ(53.0620, 59.8178,
103.3571)

Have a look what the booklet for
XYZ(53.0620, 59.8178, 103.3571)
contains.

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Color

**XYZ(53.0213, 59.8283,
103.3612)**

Conversions

Conversions Part 1

Format	Color
Hex	91D3FF
RGB	145, 211, 255
RGB Percent	57%, 83%, 100%
CMY	0.4314, 0.1725, 0.0000
CMYK	0.43, 0.17, 0.00, 0.00
HSL	204°, 100%, 78%
HSV	204°, 43%, 100%
XYZ	53.0213, 59.8283, 103.3612
YIQ	196.2820, -53.4600, -0.3080

Conversions

Conversions Part 2

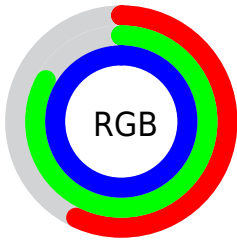
Format	Color
RYB	145, 186, 255
Decimal	9556991
CIELab	81.74, -9.71, -28.03
CIELCh	82, 29.670, 250.887
Yxy	59.8283, 0.2452, 0.2767
Android (android.graphics.Color)	4287747071 (0xFF91D3FF)
YUV	196.2820, 28.9480, -44.9743
Hunter-Lab	77.3488, -13.0015, -25.0851

Details

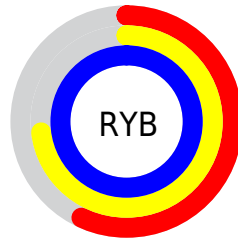
The XYZ color **53.0213, 59.8283, 103.3612** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.5490, 59.7001, 34.9111**, and the grayscale version is **52.4948, 55.2286, 60.1440**.

A 20% lighter version of the original color is **78.4386, 91.4365, 108.1226**, and **26.2745, 30.2659, 57.8832** is the 20% darker color. If you saturate the color by 10%, you get **46.5682, 52.8597, 102.3563**, and if you desaturate by 10%, it is **60.6470, 67.6427, 104.4676**.

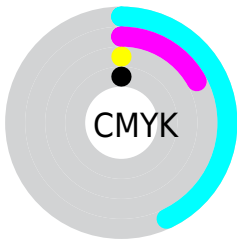
Distribution



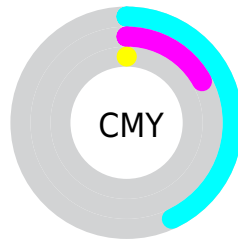
- Red (57%)
- Green (83%)
- Blue (100%)



- Red (57%)
- Yellow (73%)
- Blue (100%)



- Cyan (43%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0213, 59.8283, 103.3612 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 53.0213, 59.8283, 103.3612 by changing the saturation by 10% instead.

■ 53.0213, 59.8283,
103.3612

■ 53.0213, 59.8283,
103.3612

388.6264,
423.9646, 592.2545

■ 38.0473, 43.2803,
78.4781

■ 93.8011, 104.5806,
167.8606

■ 26.1968, 30.1051,
57.9480

■ 120.3375,
133.5536, 208.3141

■ 17.1044, 19.9184,
41.3524

151.4589,
167.4370, 254.7947

■ 10.4047, 12.3357,
28.2728

187.5305,
206.6153, 307.7210

■ 5.7324, 6.9727,
18.2906

228.9177,
251.4728, 367.5117

■ 2.7222, 3.4451,
10.9872

275.9858,

■ 1.0086, 1.3683,

302.3939, 434.5851

5.9442

329.1003,
359.7630, 509.3599

■ 0.0000, 0.1932,
2.7429

■ 0.0000, 0.0000,
0.9649

■ 53.0213, 59.8283,
103.3612

■ 53.0213, 59.8283,
103.3612

■ 46.5682, 52.8597,
102.3563

■ 60.6470, 67.6427,
104.4676

■ 41.2112, 46.6892,
101.4476

■ 69.5050, 76.3340,
105.6784

■ 36.8724, 41.2734,
100.6309

■ 79.6566, 85.9393,
106.9973

■ 33.4597, 36.5602,
99.9010

■ 91.1577, 96.4915,
108.4279

■ 30.8621, 32.4874,
99.2518

95.0500, 100.0000,
108.9000

■ 29.4419, 30.0038,
98.8473

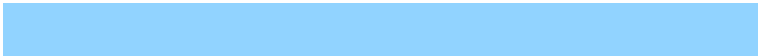
Harmonies

Analogous

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



48.2575, 59.8283, 90.3598



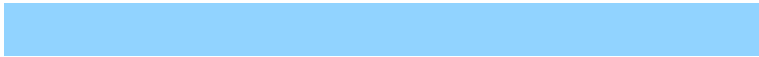
53.0213, 59.8283, 103.3612



59.1644, 59.8283, 105.1087

Triad

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



53.0213, 59.8283, 103.3612



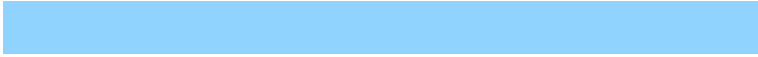
69.4974, 59.8283, 58.8579



49.3580, 59.8283, 42.4398

Complementary

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



53.0213, 59.8283, 103.3612



64.5490, 59.7001, 34.9111

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.



54.6259, 59.8283, 36.8601



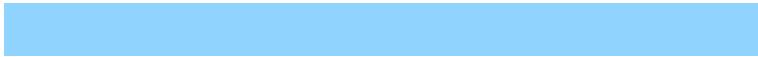
53.0213, 59.8283, 103.3612



66.4397, 59.8283, 45.1168

Square

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



53.0213, 59.8283, 103.3612



68.9888, 59.8283, 77.0706



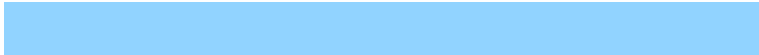
60.8901, 59.8283, 37.7409



46.2520, 59.8283, 54.5139

Rectangle

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



53.0213, 59.8283, 103.3612



63.2580, 59.8283, 99.3562



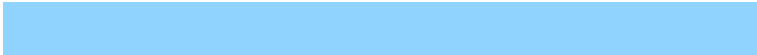
60.8901, 59.8283, 37.7409



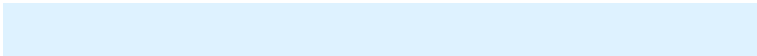
50.9180, 59.8283, 39.8521

Sweetspot

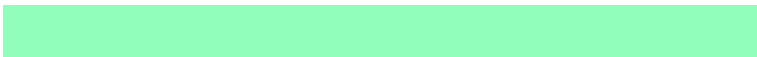
The Sweet Spot groups the original color and five complimentary colors.



53.0230, 59.8305, 103.3616



79.8032, 86.0758, 107.0160



56.4257, 81.1353, 59.7957



16.5763, 17.9522, 22.8414



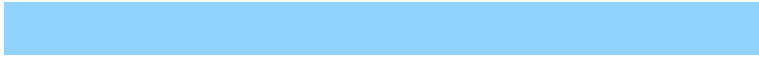
0.0000, 0.0000, 0.0000



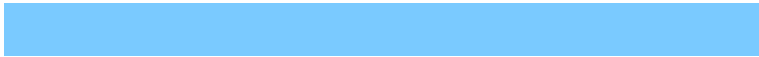
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0230, 59.8305, 103.3616



47.2444, 53.6101, 102.4655



41.9270, 37.6385, 99.6629



17.9096, 19.1908, 23.0102



15.5341, 15.9778, 51.6999



1.6195, 1.7697, 5.0695

Inverse Universe

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



63.1244, 46.2156, 67.2239



58.9049, 39.5400, 60.3809



78.1531, 86.9083, 39.4458



18.4670, 18.1701, 21.0765



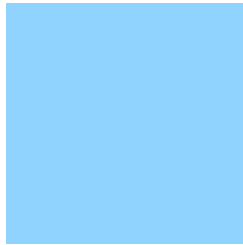
24.6291, 12.3409, 17.2292



2.4520, 1.2232, 1.9619

Previews

White Background



This preview shows how the XYZ color 53.0213, 59.8283, 103.3612 looks on a white background.

Color Contrast Check

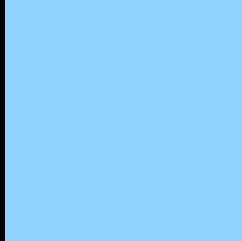
Large Text (above 18pt) WCAG AA × Fail

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 53.0213, 59.8283, 103.3612 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 53.0213, 59.8283, 103.3612

Background



This preview shows how black text looks on a background with the XYZ color 53.0213, 59.8283, 103.3612.

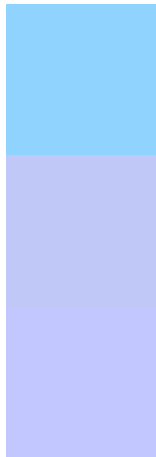


This preview shows how white text looks on a background with the XYZ color 53.0213, 59.8283,

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

53.0213, 59.8283, 103.3612

Protanopia

59.3358, 59.2923, 97.1242

Deuteranopia

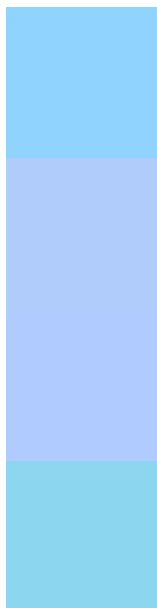
60.7216, 59.5362, 102.8990



Tritanopia

49.5134, 59.9160, 85.2993

Trichromacy



Original Color

53.0213, 59.8283, 103.3612

Protanomaly

56.6846, 59.2647, 99.7184

Deuteranomaly

57.3104, 59.1620, 103.0066

Tritanomaly

50.7592, 60.0471, 91.3530

Monochromacy



Original Color

53.0213, 59.8283, 103.3612

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.5425, 56.1302, 73.7633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0213, 59.8283, 103.3612 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, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 211, 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, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.0213, 59.8283, 103.3612 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, 211, 255) }
```


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

```
.border{ border-color:rgb(145, 211, 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, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0213, 59.8283, 103.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 211, 255) }
```

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

```
.background{ background-color: rgb(145,  
211, 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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