

Converting Colors

XYZ(57.2265, 61.2731,
127.7153)

Have a look what the booklet for
XYZ(57.2265, 61.2731, 127.7153)
contains.

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Color

**XYZ(52.4243, 59.1528,
103.2623)**

Conversions

Conversions Part 1

Format	Color
Hex	8FD2FF
RGB	143, 210, 255
RGB Percent	56%, 82%, 100%
CMY	0.4392, 0.1765, 0.0000
CMYK	0.44, 0.18, 0.00, 0.00
HSL	204°, 100%, 78%
HSV	204°, 44%, 100%
XYZ	52.4243, 59.1528, 103.2623
YIQ	195.0970, -54.3770, -0.2090

Conversions

Conversions Part 2

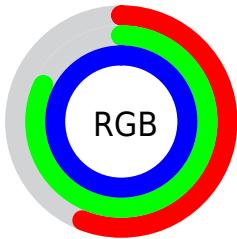
Format	Color
RYB	143, 185, 255
Decimal	9425663
CIELab	81.38, -9.67, -28.61
CIELCh	81, 30.200, 251.317
Yxy	59.1528, 0.2440, 0.2753
Android (android.graphics.Color)	4287615743 (0xFF8FD2FF)
YUV	195.0970, 29.5322, -45.6891
Hunter-Lab	76.9109, -12.9241, -25.7665

Details

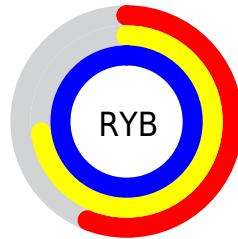
The XYZ color **52.4243, 59.1528, 103.2623** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.1819, 59.2105, 34.0347**, and the grayscale version is **51.7839, 54.4807, 59.3295**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **25.9193, 29.8326, 57.8183** is the 20% darker color. If you saturate the color by 10%, you get **46.0525, 52.2336, 102.2626**, and if you desaturate by 10%, it is **59.9647, 66.9174, 104.3636**.

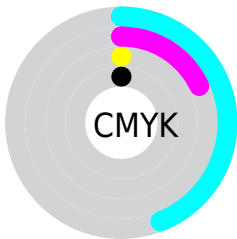
Distribution



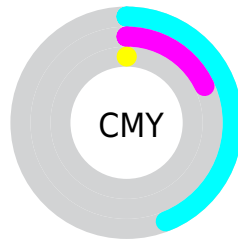
- Red (56%)
- Green (82%)
- Blue (100%)



- Red (56%)
- Yellow (73%)
- Blue (100%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4243, 59.1528, 103.2623 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 52.4243, 59.1528, 103.2623 by changing the saturation by 10% instead.

■ 52.4243, 59.1528,
103.2623

■ 52.4243, 59.1528,
103.2623

386.3696,
421.4679, 591.9378

■ 37.5690, 42.7361,
78.3958

■ 92.9272, 103.5997,
167.7240

■ 25.8241, 29.6781,
57.8808

■ 119.3056,
132.3987, 208.1563

■ 16.8241, 19.5944,
41.2987

150.2557,
166.0940, 254.6142

■ 10.2036, 12.1006,
28.2311

186.1428,
205.0699, 307.5163

■ 5.5975, 6.8122,
18.2594

227.3325,
249.7109, 367.2812

■ 2.6402, 3.3449,
10.9650

274.1899,

■ 0.9665, 1.3144,

300.4013, 434.3274

5.9294

327.0805,
357.5255, 509.0734

■ 0.0000, 0.1523,
2.7341

■ 0.0000, 0.0000,
0.9605

■ 52.4243, 59.1528,
103.2623

■ 52.4243, 59.1528,
103.2623

■ 46.0525, 52.2336,
102.2626

■ 59.9647, 66.9174,
104.3636

■ 40.7723, 46.1118,
101.3593

■ 68.7339, 75.5589,
105.5694

■ 36.5048, 40.7435,
100.5480

■ 78.7938, 85.1148,
106.8837

■ 33.1568, 36.0758,
99.8235

■ 90.2003, 95.6180,
108.3098

■ 30.6152, 32.0456,
99.1796

95.0500, 100.0000,
108.9000

■ 29.3673, 29.8546,
98.8224

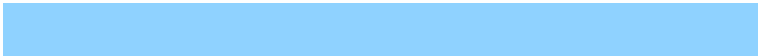
Harmonies

Analogous

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



47.5916, 59.1528, 90.1881



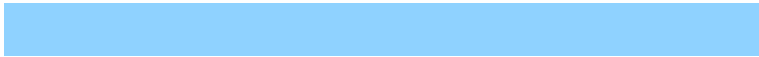
52.4243, 59.1528, 103.2623



58.6383, 59.1528, 104.8535

Triad

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



52.4243, 59.1528, 103.2623



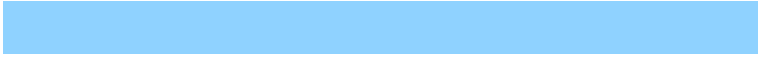
68.9825, 59.1528, 57.8246



48.5849, 59.1528, 41.6705

Complementary

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



52.4243, 59.1528, 103.2623



64.1819, 59.2105, 34.0347

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.



53.8748, 59.1528, 35.9840



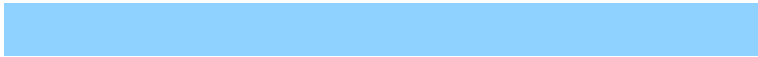
52.4243, 59.1528, 103.2623



65.8395, 59.1528, 44.0772

Square

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



52.4243, 59.1528, 103.2623



68.5211, 59.1528, 76.1949



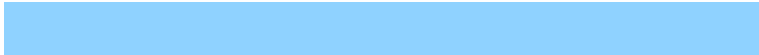
60.2008, 59.1528, 36.7736



45.4921, 59.1528, 53.9028

Rectangle

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



52.4243, 59.1528, 103.2623



62.7699, 59.1528, 98.8973



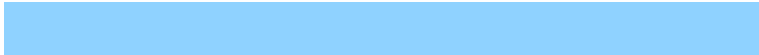
60.2008, 59.1528, 36.7736



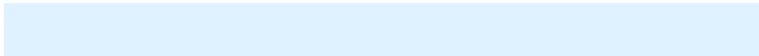
50.1479, 59.1528, 39.0435

Sweetspot

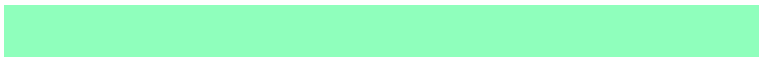
The Sweet Spot groups the original color and five complimentary colors.



52.4260, 59.1550, 103.2626



79.7856, 86.0406, 107.0101



56.1445, 80.9825, 60.1378



16.5719, 17.9435, 22.8400



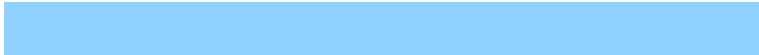
0.0000, 0.0000, 0.0000



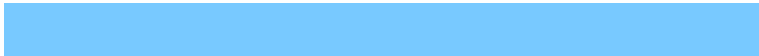
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4260, 59.1550, 103.2626



46.5918, 52.8360, 102.3505



40.9680, 36.2389, 99.4433



17.9068, 19.1852, 23.0093



15.4953, 15.9001, 51.6869



1.6158, 1.7623, 5.0683

Inverse Universe

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



62.6965, 45.5598, 66.4644



58.4458, 38.8598, 59.4939



78.4890, 87.8247, 38.8037



18.4656, 18.1696, 21.0690



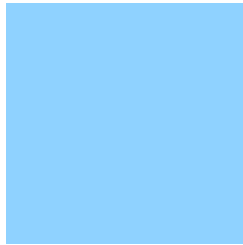
24.6095, 12.3331, 17.1259



2.4502, 1.2225, 1.9521

Previews

White Background



This preview shows how the XYZ color 52.4243, 59.1528, 103.2623 looks on a white background.

Color Contrast Check

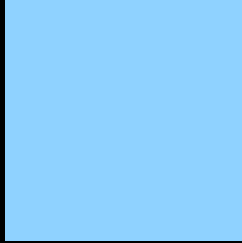
Large Text (above 18pt) WCAG AA × Fail

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 52.4243, 59.1528, 103.2623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

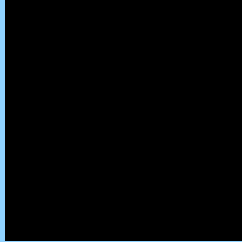
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4243, 59.1528, 103.2623

Background



This preview shows how black text looks on a background with the XYZ color 52.4243, 59.1528, 103.2623.

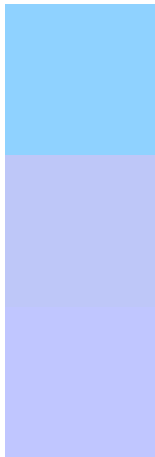


This preview shows how white text looks on a background with the XYZ color 52.4243, 59.1528,

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

52.4243, 59.1528, 103.2623

Protanopia

58.6019, 58.5713, 97.0237

Deuteranopia

59.9823, 58.8146, 102.7987



Tritanopia

48.6237, 59.0969, 84.4454

Trichromacy



Original Color

52.4243, 59.1528, 103.2623

Protanomaly

56.0021, 58.5611, 99.6186

Deuteranomaly

56.6261, 58.4597, 102.9071

Tritanomaly

50.1699, 59.3687, 91.2532

Monochromacy



Original Color

52.4243, 59.1528, 103.2623

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.0832, 55.5484, 73.6752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4243, 59.1528, 103.2623 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(143, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 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(143, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.4243, 59.1528, 103.2623 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(143, 210, 255) }
```


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

```
.border{ border-color:rgb(143, 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(143, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 210,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4243, 59.1528, 103.2623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 210, 255) }
```

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

```
.background{ background-color: rgb(143,  
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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