

Converting Colors

XYZ(53.6359, 60.8350,
109.4226)

Have a look what the booklet for
XYZ(53.6359, 60.8350, 109.4226)
contains.

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Color

**XYZ(52.4917, 60.2975,
103.4797)**

Conversions

Conversions Part 1

Format	Color
Hex	8BD5FF
RGB	139, 213, 255
RGB Percent	55%, 84%, 100%
CMY	0.4549, 0.1647, 0.0000
CMYK	0.45, 0.16, 0.00, 0.00
HSL	202°, 100%, 77%
HSV	202°, 45%, 100%
XYZ	52.4917, 60.2975, 103.4797
YIQ	195.6620, -57.5860, -2.6260

Conversions

Conversions Part 2

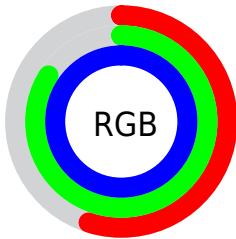
Format	Color
R _Y B	139, 184, 255
Decimal	9164287
CIE Lab	82.00, -12.19, -27.67
CIE LCh	82, 30.236, 246.227
Yxy	60.2975, 0.2427, 0.2788
Android (android.graphics.Color)	4287354367 (0xFF8BD5FF)
YUV	195.6620, 29.2536, -49.6926
Hunter-Lab	77.6515, -15.2257, -24.6549

Details

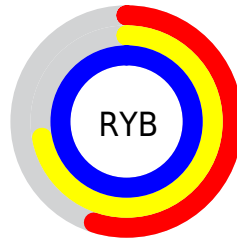
The XYZ color **52.4917, 60.2975, 103.4797** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **62.4247, 56.1725, 31.9803**, and the grayscale version is **52.1238, 54.8383, 59.7189**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **25.8132, 30.2803, 57.9103** is the 20% darker color. If you saturate the color by 10%, you get **46.4637, 53.8414, 102.5513**, and if you desaturate by 10%, it is **59.6483, 67.5343, 104.4994**.

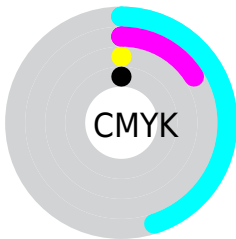
Distribution



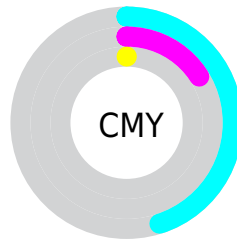
- Red (55%)
- Green (84%)
- Blue (100%)



- Red (55%)
- Yellow (72%)
- Blue (100%)



- Cyan (45%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4917, 60.2975, 103.4797 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 52.4917, 60.2975, 103.4797 by changing the saturation by 10% instead.

■ 52.4917, 60.2975,
103.4797

■ 52.4917, 60.2975,
103.4797

386.6248,
425.6935, 592.6339

■ 37.6230, 43.6585,
78.5767

■ 93.0259, 105.2611,
168.0244

■ 25.8661, 30.4021,
58.0286

■ 119.4222,
134.3545, 208.5031

■ 16.8557, 20.1440,
41.4168

150.3916,
168.3681, 255.0109

■ 10.2263, 12.4998,
28.3227

186.2997,
207.6863, 307.9662

■ 5.6127, 7.0850,
18.3279

227.5117,
252.6936, 367.7877

■ 2.6494, 3.5153,
11.0138

274.3929,

■ 0.9712, 1.4063,

303.7743, 434.8937

5.9618

327.3089,
361.3128, 509.7030

■ 0.0000, 0.2214,
2.7535

■ 0.0000, 0.0000,
0.9702

■ 52.4917, 60.2975,
103.4797

■ 52.4917, 60.2975,
103.4797

■ 46.4637, 53.8414,
102.5513

■ 59.6483, 67.5343,
104.4994

■ 41.4869, 48.1188,
101.7090

■ 67.9936, 75.5821,
105.6129

■ 37.4816, 43.0868,
100.9488

■ 77.5896, 84.4772,
106.8241

■ 34.3530, 38.6931,
100.2657

■ 88.4921, 94.2513,
108.1360

■ 31.9845, 34.8741,
99.6534

95.0500, 100.0000,
108.9000

■ 31.0898, 33.2996,
99.3966

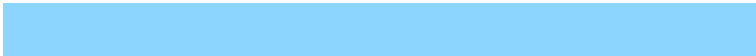
Harmonies

Analogous

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



47.9455, 60.2975, 88.7642



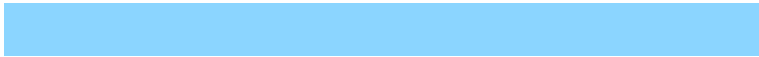
52.4917, 60.2975, 103.4797



58.6563, 60.2975, 107.2943

Triad

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



52.4917, 60.2975, 103.4797



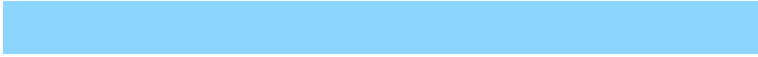
70.4364, 60.2975, 61.9043



50.3411, 60.2975, 41.1284

Complementary

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



52.4917, 60.2975, 103.4797



62.4247, 56.1725, 31.9803

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.



55.9864, 60.2975, 36.4792



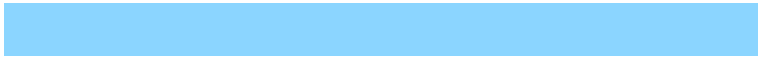
52.4917, 60.2975, 103.4797



67.8229, 60.2975, 46.9491

Square

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



52.4917, 60.2975, 103.4797



69.3275, 60.2975, 80.9113



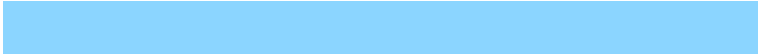
62.4165, 60.2975, 38.3923



46.7700, 60.2975, 52.4460

Rectangle

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



52.4917, 60.2975, 103.4797



62.9236, 60.2975, 102.6180



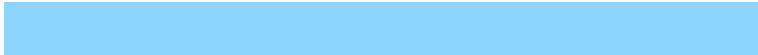
62.4165, 60.2975, 38.3923



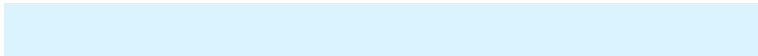
52.0424, 60.2975, 38.8402

Sweetspot

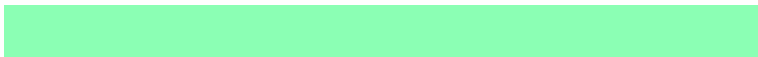
The Sweet Spot groups the original color and five complimentary colors.



52.4934, 60.2997, 103.4800



79.1281, 85.8754, 107.0128



54.6061, 80.2885, 55.5876



16.4613, 17.9483, 22.8467



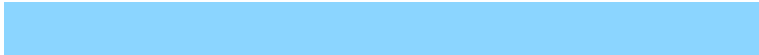
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.4934, 60.2997, 103.4800



46.7331, 54.1392, 102.5946



40.6547, 36.6222, 99.5338



17.9694, 19.3104, 23.0301



16.3919, 17.6934, 51.9858



1.6999, 1.9304, 5.0963

Inverse Universe

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



62.4840, 44.5310, 68.2552



58.2680, 37.8348, 61.4982



76.3590, 84.0411, 36.6250



18.4972, 18.1822, 21.2354



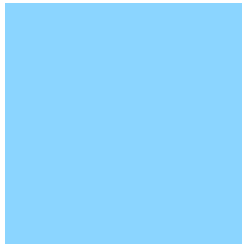
25.0621, 12.5141, 19.5093



2.4926, 1.2394, 2.1755

Previews

White Background



This preview shows how the XYZ color 52.4917, 60.2975, 103.4797 looks on a white background.

Color Contrast Check

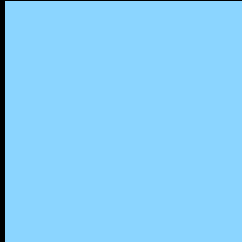
Large Text (above 18pt) WCAG AA × Fail

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 52.4917, 60.2975, 103.4797 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

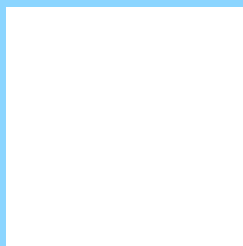
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4917, 60.2975, 103.4797

Background



This preview shows how black text looks on a background with the XYZ color 52.4917, 60.2975, 103.4797.



This preview shows how white text looks on a background with the XYZ color 52.4917, 60.2975,

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

52.4917, 60.2975, 103.4797

Protanopia

59.6675, 59.8261, 96.3985

Deuteranopia

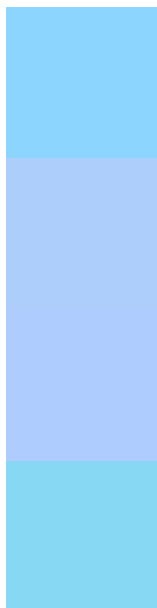
60.9791, 59.6689, 102.9111



Tritanopia

49.3370, 60.5528, 86.9294

Trichromacy



Original Color

52.4917, 60.2975, 103.4797

Protanomaly

56.3202, 59.4490, 98.9489

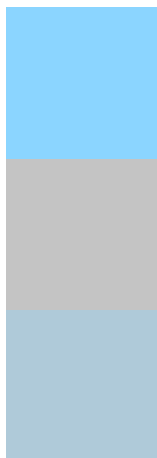
Deuteranomaly

57.3221, 59.5197, 103.0750

Tritanomaly

50.5746, 60.6734, 93.0500

Monochromacy



Original Color

52.4917, 60.2975, 103.4797

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.3241, 56.3648, 73.8201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4917, 60.2975, 103.4797 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(139, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(139, 213, 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(139, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.4917, 60.2975, 103.4797 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(139, 213, 255) }
```


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

```
.border{ border-color:rgb(139, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(139, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4917, 60.2975, 103.4797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 213, 255) }
```

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

```
.background{ background-color: rgb(139,  
213, 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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