

Converting Colors

XYZ(52.7589, 67.3622,
104.8293)

Have a look what the booklet for
XYZ(52.7589, 67.3622, 104.8293)
contains.

XYZ(52.9326, 67.6230, 104.8705)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.9326, 67.6230,
104.8705)**

Conversions

Conversions Part 1

Format	Color
Hex	6DE7FF
RGB	109, 231, 255
RGB Percent	43%, 91%, 100%
CMY	0.5725, 0.0941, 0.0000
CMYK	0.57, 0.09, 0.00, 0.00
HSL	190°, 100%, 71%
HSV	190°, 57%, 100%
XYZ	52.9326, 67.6230, 104.8705
YIQ	197.2580, -80.4160, -18.4000

Conversions

Conversions Part 2

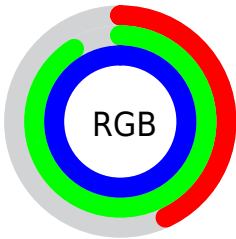
Format	Color
RYB	109, 175, 255
Decimal	7202815
CIELab	85.82, -27.50, -21.96
CIELCh	86, 35.195, 218.615
Yxy	67.6230, 0.2348, 0.3000
Android (android.graphics.Color)	4285392895 (0xFF6DE7FF)
YUV	197.2580, 28.4668, -77.4023
Hunter-Lab	82.2332, -29.0096, -18.0482

Details

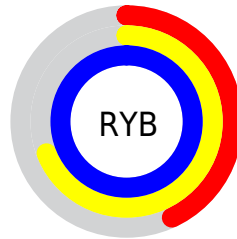
The XYZ color **52.9326, 67.6230, 104.8705** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.3888, 39.1405, 19.2638**, and the grayscale version is **53.0970, 55.8622, 60.8339**.

A 20% lighter version of the original color is **70.6046, 87.3979, 107.7560**, and **26.0881, 35.0285, 58.8123** is the 20% darker color. If you saturate the color by 10%, you get **49.0799, 63.9176, 104.3583**, and if you desaturate by 10%, it is **57.7268, 71.8584, 105.4353**.

Distribution



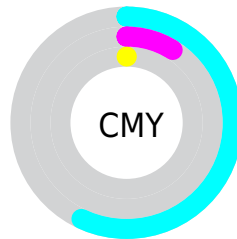
- Red (43%)
- Green (91%)
- Blue (100%)



- Red (43%)
- Yellow (69%)
- Blue (100%)



- Cyan (57%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9326, 67.6230, 104.8705 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 52.9326, 67.6230, 104.8705 by changing the saturation by 10% instead.

52.9326, 67.6230,
104.8705

52.9326, 67.6230,
104.8705

388.2916,
452.1591, 597.0772

37.9762, 49.5911,
79.7348

93.6713, 115.8127,
169.9444

26.1414, 35.0886,
58.9753

120.1843,
146.7392, 210.7198

17.0627, 23.7311,
42.1733

151.2803,
182.7327, 257.5454

10.3748, 15.1343,
28.9105

187.3246,
224.1776, 310.8399

5.7123, 8.9137,
18.7681

228.6825,
271.4583, 371.0218

2.7099, 4.6849,
11.3277

275.7194,

1.0023, 2.0636,

324.9592, 438.5096

6.1708

328.8006,
385.0647, 513.7219

■ 0.0000, 0.6440,
2.8787

■ 0.0000, 0.0000,
1.0331

■ 52.9326, 67.6230,
104.8705

■ 52.9326, 67.6230,
104.8705

■ 49.0799, 63.9176,
104.3583

■ 57.7268, 71.8584,
105.4353

■ 46.0818, 60.6926,
103.8938

■ 63.5284, 76.6538,
106.0551

■ 43.8444, 57.9010,
103.4729

■ 70.4040, 82.0450,
106.7333

■ 42.2445, 55.4788,
103.0897

■ 78.4126, 88.0629,
107.4728

■ 41.8659, 54.8518,
102.9886

■ 87.6088, 94.7358,
108.2761

95.0500, 100.0000,
108.9000

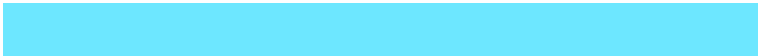
Harmonies

Analogous

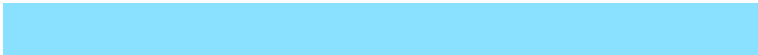
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.1650, 67.6230, 80.4651



52.9326, 67.6230, 104.8705



58.7985, 67.6230, 123.0441

Triad

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



52.9326, 67.6230, 104.8705



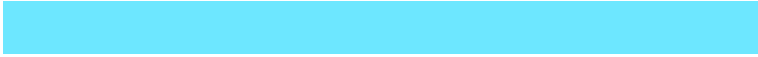
79.7743, 67.6230, 90.9870



61.9850, 67.6230, 37.9499

Complementary

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



52.9326, 67.6230, 104.8705



52.3888, 39.1405, 19.2638

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.



70.0785, 67.6230, 39.6124



52.9326, 67.6230, 104.8705



80.8067, 67.6230, 67.1932

Square

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



52.9326, 67.6230, 104.8705



74.4151, 67.6230, 113.9364



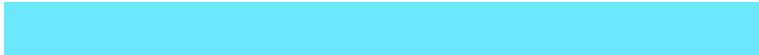
77.1288, 67.6230, 49.3057



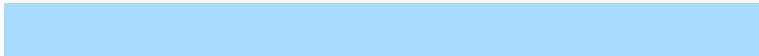
55.0981, 67.6230, 44.1647

Rectangle

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



52.9326, 67.6230, 104.8705



63.9007, 67.6230, 127.3691



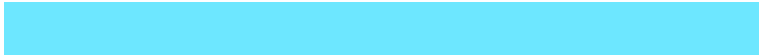
77.1288, 67.6230, 49.3057



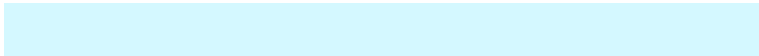
64.6480, 67.6230, 37.6379

Sweetspot

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



52.9345, 67.6254, 104.8708



78.6294, 88.2228, 107.4922



46.1580, 76.4078, 33.7549



16.4642, 18.6128, 22.9748



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.



52.9345, 67.6254, 104.8708



48.4965, 63.3203, 104.2737



36.9466, 35.6497, 99.5415



18.2857, 19.9431, 23.1356



21.9702, 28.8499, 53.8452



2.2038, 2.9384, 5.2643

Inverse Universe

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



61.1337, 37.9686, 79.7104



57.7779, 32.3545, 75.2084



65.5705, 65.5038, 23.6577



18.6569, 18.2461, 22.0762



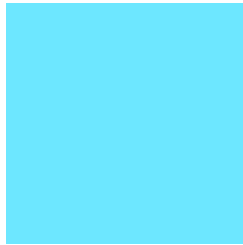
27.8777, 13.6404, 34.3362



2.7470, 1.3412, 3.5151

Previews

White Background



This preview shows how the XYZ color 52.9326, 67.6230, 104.8705 looks on a white background.

Color Contrast Check

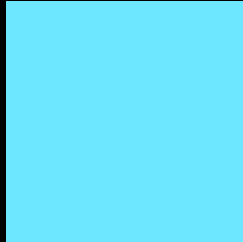
Large Text (above 18pt) WCAG AA × Fail

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 52.9326, 67.6230, 104.8705 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 52.9326, 67.6230, 104.8705

Background



This preview shows how black text looks on a background with the XYZ color 52.9326, 67.6230, 104.8705.

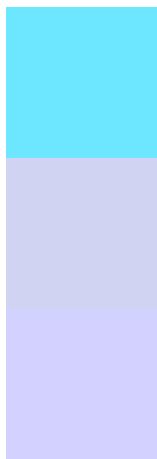


This preview shows how white text looks on a background with the XYZ color 52.9326, 67.6230,

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

52.9326, 67.6230, 104.8705

Protanopia

65.5829, 66.9077, 93.4623

Deuteranopia

67.7144, 66.6698, 103.9074



Tritanopia

52.3326, 67.8041, 101.5961

Trichromacy



Original Color

52.9326, 67.6230, 104.8705



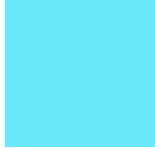
Protanomaly

59.1333, 66.1491, 97.6471



Deuteranomaly

60.3184, 65.8444, 104.1379



Tritanomaly

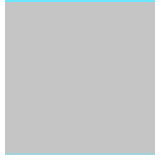
52.6116, 67.9296, 102.4343

Monochromacy



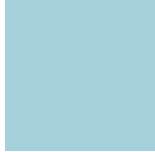
Original Color

52.9326, 67.6230, 104.8705



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

50.9724, 58.6622, 74.9661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9326, 67.6230, 104.8705 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(109, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(109, 231, 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(109, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.9326, 67.6230, 104.8705 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(109, 231, 255) }
```


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

```
.border{ border-color:rgb(109, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(109, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9326, 67.6230, 104.8705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 231, 255) }
```

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

```
.background{ background-color: rgb(109,  
231, 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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