

Converting Colors

XYZ(52.0166, 58.7462,
102.3661)

Have a look what the booklet for
XYZ(52.0166, 58.7462, 102.3661)
contains.

XYZ(51.8452, 58.5075, 102.3265)	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(51.8452, 58.5075,
102.3265)**

Conversions

Conversions Part 1

Format	Color
Hex	8ED1FE
RGB	142, 209, 254
RGB Percent	56%, 82%, 100%
CMY	0.4431, 0.1804, 0.0039
CMYK	0.44, 0.18, 0.00, 0.00
HSL	204°, 98%, 78%
HSV	204°, 44%, 100%
XYZ	51.8452, 58.5075, 102.3265
YIQ	194.0970, -54.3770, -0.2090

Conversions

Conversions Part 2

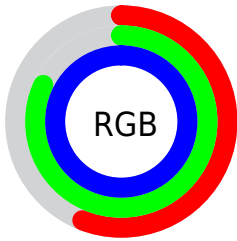
Format	Color
R _Y B	142, 184, 254
Decimal	9359870
CIE Lab	81.02, -9.66, -28.63
CIE LCh	81, 30.211, 251.357
Yxy	58.5075, 0.2438, 0.2751
Android (android.graphics.Color)	4287549950 (0xFF8ED1FE)
YUV	194.0970, 29.5322, -45.6891
Hunter-Lab	76.4902, -12.8702, -25.7734

Details

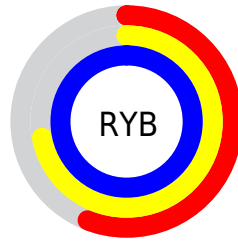
The XYZ color **51.8452, 58.5075, 102.3265** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.5273, 58.5660, 33.5492**, and the grayscale version is **51.1910, 53.8569, 58.6502**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **25.5457, 29.4052, 57.1527** is the 20% darker color. If you saturate the color by 10%, you get **45.5498, 51.6645, 101.3385**, and if you desaturate by 10%, it is **59.2977, 66.1876, 103.4172**.

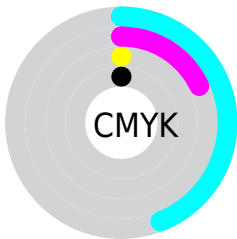
Distribution



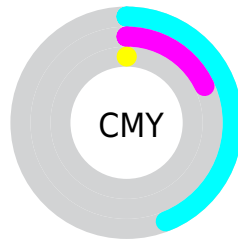
- Red (56%)
- Green (82%)
- Blue (100%)



- Red (56%)
- Yellow (72%)
- 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 51.8452, 58.5075, 102.3265 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 51.8452, 58.5075, 102.3265 by changing the saturation by 10% instead.

■ 51.8452, 58.5075,
102.3265

■ 51.8452, 58.5075,
102.3265

384.1725,
419.0743, 588.9364

■ 37.1055, 42.2168,
77.6172

■ 92.0785, 102.6615,
166.4304

■ 25.4632, 29.2711,
57.2450

■ 118.3027,
131.2936, 206.6620

■ 16.5531, 19.2860,
40.7913

149.0859,
164.8083, 252.9049

■ 10.0097, 11.8771,
27.8376

184.7933,
203.5900, 305.5775

■ 5.4677, 6.6600,
17.9653

225.7903,
248.0230, 365.0985

■ 2.5618, 3.2504,
10.7559

272.4423,

■ 0.9265, 1.2638,

298.4918, 431.8862

5.7908

325.1145,
355.3808, 506.3594

■ 0.0000, 0.1129,
2.6516

■ 0.0000, 0.0000,
0.9189

■ 51.8452, 58.5075,
102.3265

■ 51.8452, 58.5075,
102.3265

■ 45.5498, 51.6645,
101.3385

■ 59.2977, 66.1876,
103.4172

■ 40.3344, 45.6108,
100.4449

■ 67.9663, 74.7357,
104.6102

■ 36.1209, 40.3027,
99.6424

■ 77.9126, 84.1892,
105.9107

■ 32.8168, 35.6878,
98.9258

■ 89.1921, 94.5806,
107.3220

■ 30.3097, 31.7034,
98.2889

94.8896, 99.9358,
108.0553

■ 29.1096, 29.5957,
97.9453

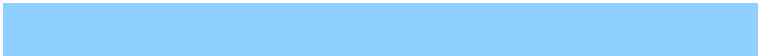
Harmonies

Analogous

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



47.0448, 58.5075, 89.3416



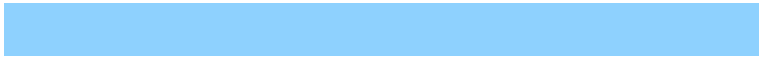
51.8452, 58.5075, 102.3265



58.0169, 58.5075, 103.8914

Triad

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



51.8452, 58.5075, 102.3265



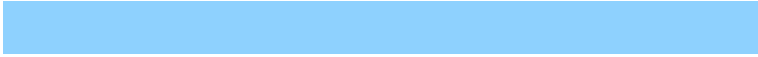
68.2825, 58.5075, 57.1464



48.0202, 58.5075, 41.1499

Complementary

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



51.8452, 58.5075, 102.3265



63.5273, 58.5660, 33.5492

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.



53.2699, 58.5075, 35.5025



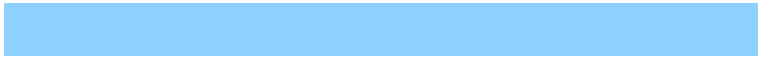
51.8452, 58.5075, 102.3265



65.1555, 58.5075, 43.5112

Square

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



51.8452, 58.5075, 102.3265



67.8290, 58.5075, 75.3879



59.5520, 58.5075, 36.2768



44.9537, 58.5075, 53.2956

Rectangle

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



51.8452, 58.5075, 102.3265



62.1200, 58.5075, 97.9595



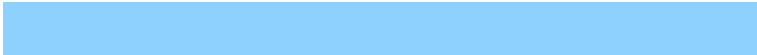
59.5520, 58.5075, 36.2768



49.5708, 58.5075, 38.5417

Sweetspot

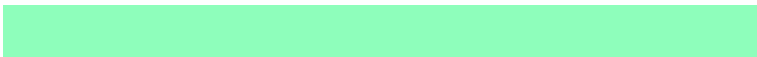
The Sweet Spot groups the original color and five complimentary colors.



51.8471, 58.5097, 102.3279



79.7855, 86.0405, 107.0101



55.5470, 80.2151, 59.4589



16.5719, 17.9434, 22.8399



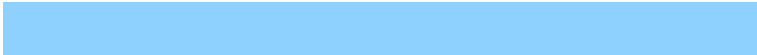
0.0000, 0.0000, 0.0000



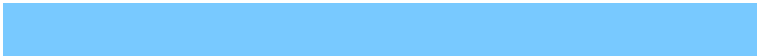
20.3446, 21.4041, 23.3091

Same Dimension

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



51.8471, 58.5097, 102.3279



46.5916, 52.8357, 102.3504



40.4705, 35.7566, 98.5357



17.9068, 19.1852, 23.0093



15.4952, 15.8999, 51.6869



1.6158, 1.7623, 5.0683

Inverse Universe

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



62.0563, 45.0222, 65.7433



58.4457, 38.8598, 59.4935



77.7476, 87.0067, 38.2894



18.4656, 18.1696, 21.0690



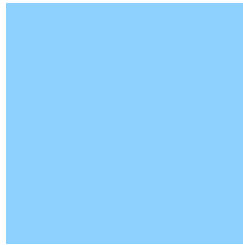
24.6094, 12.3331, 17.1256



2.4502, 1.2224, 1.9521

Previews

White Background



This preview shows how the XYZ color 51.8452, 58.5075, 102.3265 looks on a white background.

Color Contrast Check

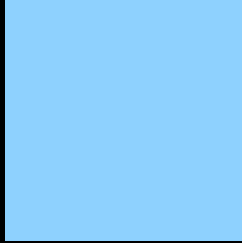
Large Text (above 18pt) WCAG AA × Fail

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 51.8452, 58.5075, 102.3265 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

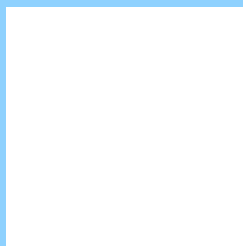
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.8452, 58.5075, 102.3265

Background



This preview shows how black text looks on a background with the XYZ color 51.8452, 58.5075, 102.3265.



This preview shows how white text looks on a background with the XYZ color 51.8452, 58.5075,

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

51.8452, 58.5075, 102.3265

Protanopia

57.9689, 57.9224, 96.1205

Deuteranopia

59.2515, 58.0997, 102.6992



Tritanopia

48.0689, 58.4526, 83.6119

Trichromacy



Original Color

51.8452, 58.5075, 102.3265

Protanomaly

55.3891, 57.9138, 98.7017

Deuteranomaly

56.1702, 57.8775, 102.8187

Tritanomaly

49.6047, 58.7222, 90.3814

Monochromacy



Original Color

51.8452, 58.5075, 102.3265

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.4973, 54.9187, 72.9046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8452, 58.5075, 102.3265 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(142, 209, 254)` looks like.

```
.text, #text, p{  
    color:rgb(142, 209, 254)  
}
```

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(142, 209, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 209, 254) }
```

Border

The CSS property to change the border of an element to XYZ 51.8452, 58.5075, 102.3265 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(142, 209, 254) }
```


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

```
.border{ border-color:rgb(142, 209, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 209, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 209, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 209, 254);  
box-shadow:4px 4px 4px 4px rgb(142, 209,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8452, 58.5075, 102.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 209, 254) }
```

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

```
.background{ background-color: rgb(142,  
209, 254) }
```

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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