

Converting Colors

XYZ(73.2627, 63.1489,
223.3671)

Have a look what the booklet for
XYZ(73.2627, 63.1489, 223.3671)
contains.

XYZ(50.2767, 53.8112, 102.3445)	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(50.2767, 53.8112,
102.3445)**

Conversions

Conversions Part 1

Format	Color
Hex	93C6FF
RGB	147, 198, 255
RGB Percent	58%, 78%, 100%
CMY	0.4235, 0.2235, 0.0000
CMYK	0.42, 0.22, 0.00, 0.00
HSL	212°, 100%, 79%
HSV	212°, 42%, 100%
XYZ	50.2767, 53.8112, 102.3445
YIQ	189.2490, -48.6930, 6.9150

Conversions

Conversions Part 2

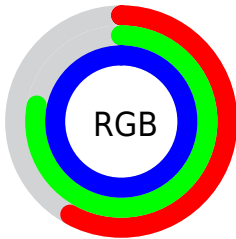
Format	Color
RYB	147, 182, 255
Decimal	9684735
CIELab	78.35, -2.32, -33.24
CIELCh	78, 33.319, 266.012
Yxy	53.8112, 0.2436, 0.2607
Android (android.graphics.Color)	4287874815 (0xFF93C6FF)
YUV	189.2490, 32.4152, -37.0524
Hunter-Lab	73.3561, -6.0332, -31.3705

Details

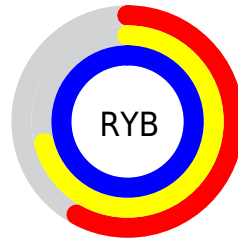
The XYZ color **50.2767, 53.8112, 102.3445** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.1000, 66.5532, 36.8625**, and the grayscale version is **48.3539, 50.8721, 55.3997**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **24.3828, 26.1974, 57.1976** is the 20% darker color. If you saturate the color by 10%, you get **43.2600, 45.8294, 101.1737**, and if you desaturate by 10%, it is **58.5833, 62.8660, 103.6544**.

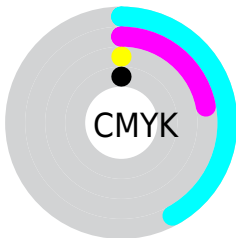
Distribution



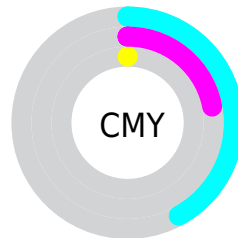
- Red (58%)
- Green (78%)
- Blue (100%)



- Red (58%)
- Yellow (71%)
- Blue (100%)



- Cyan (42%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2767, 53.8112, 102.3445 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 50.2767, 53.8112, 102.3445 by changing the saturation by 10% instead.

■ 50.2767, 53.8112,
102.3445

■ 50.2767, 53.8112,
102.3445

378.1811,
401.3897, 588.9942

■ 35.8520, 38.4507,
77.6322

■ 89.7741, 95.7970,
166.4552

■ 24.4895, 26.3327,
57.2572

■ 115.5775,
123.1911, 206.6908

■ 15.8238, 17.0727,
40.8011

145.9045,
155.3652, 252.9378

■ 9.4896, 10.2863,
27.8451

181.1205,
192.7037, 305.6149

■ 5.1216, 5.5892,
17.9709

221.5908,
235.5910, 365.1405

■ 2.3542, 2.5970,
10.7599

267.6807,

■ 0.8222, 0.9251,

284.4115, 431.9332

5.7935

319.7557,
339.5496, 506.4116

■ 0.0000, 0.0000,
2.6532

■ 0.0000, 0.0000,
0.9197

■ 50.2767, 53.8112,
102.3445

■ 50.2767, 53.8112,
102.3445

■ 43.2600, 45.8294,
101.1737

■ 58.5833, 62.8660,
103.6544

■ 37.4537, 38.8657,
100.1356

■ 68.2434, 73.0334,
105.1078

■ 32.7760, 32.8682,
99.2245

■ 79.3218, 84.3575,
106.7097

■ 29.1315, 27.7763,
98.4337

■ 91.8775, 96.8784,
108.4647

■ 26.4063, 23.5191, 95.0500, 100.0000,
97.7556 108.9000

■ 24.8169, 20.7538,
97.3056

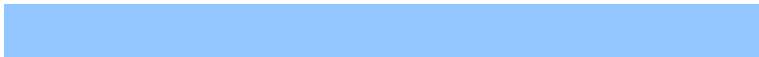
Harmonies

Analogous

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



44.4355, 53.8112, 93.7995



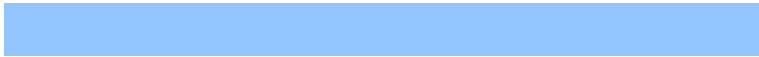
50.2767, 53.8112, 102.3445



56.8596, 53.8112, 97.2676

Triad

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



50.2767, 53.8112, 102.3445



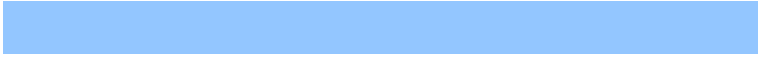
63.2957, 53.8112, 44.1778



41.4147, 53.8112, 40.6819

Complementary

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



50.2767, 53.8112, 102.3445



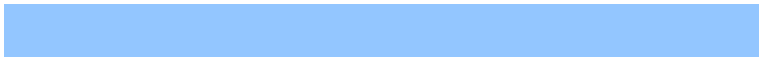
68.1000, 66.5532, 36.8625

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.



45.8285, 53.8112, 31.8263



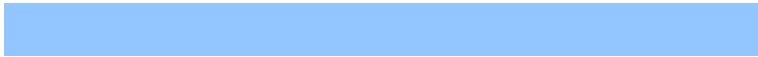
50.2767, 53.8112, 102.3445



58.5000, 53.8112, 33.5224

Square

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



50.2767, 53.8112, 102.3445



64.7393, 53.8112, 61.1307



52.0251, 53.8112, 29.5147



39.6024, 53.8112, 56.1231

Rectangle

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



50.2767, 53.8112, 102.3445



60.7342, 53.8112, 87.3203



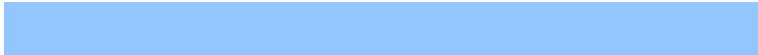
52.0251, 53.8112, 29.5147



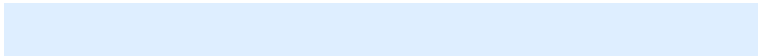
42.6239, 53.8112, 36.9757

Sweetspot

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



50.2783, 53.8132, 102.3448



78.5587, 83.5868, 106.6011



58.5494, 82.0259, 69.1232



16.2692, 17.3379, 22.7390



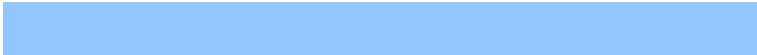
0.0000, 0.0000, 0.0000



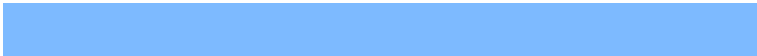
20.3446, 21.4041, 23.3091

Same Dimension

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



50.2783, 53.8132, 102.3448



44.1357, 46.8474, 101.3240



40.8433, 34.4601, 99.1065



17.7104, 18.7924, 22.9438



13.1142, 11.1380, 50.8932



1.3852, 1.3012, 4.9914

Inverse Universe

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



61.8679, 46.2063, 59.0860



57.4689, 39.4752, 51.2477



81.6077, 94.5470, 41.5539



18.3665, 18.1299, 20.5470



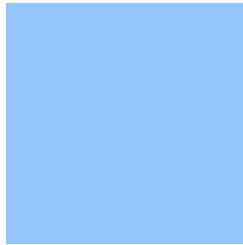
23.4076, 11.8524, 10.7971



2.3338, 1.1759, 1.3393

Previews

White Background



This preview shows how the XYZ color 50.2767, 53.8112, 102.3445 looks on a white background.

Color Contrast Check

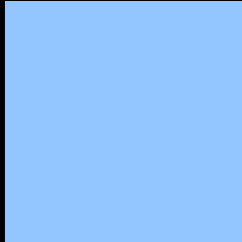
Large Text (above 18pt) WCAG AA × Fail

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 50.2767, 53.8112, 102.3445 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

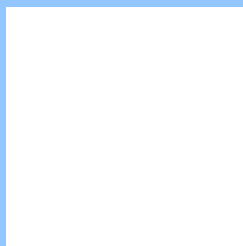
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2767, 53.8112, 102.3445

Background



This preview shows how black text looks on a background with the XYZ color 50.2767, 53.8112, 102.3445.



This preview shows how white text looks on a background with the XYZ color 50.2767, 53.8112,

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

50.2767, 53.8112, 102.3445

Protanopia

54.2462, 53.6287, 97.9348

Deuteranopia

54.5949, 53.3940, 102.0364



Tritanopia

45.1252, 53.8095, 76.4145

Trichromacy



Original Color

50.2767, 53.8112, 102.3445

Protanomaly

52.7988, 53.8273, 99.7024

Deuteranomaly

52.8458, 53.4669, 102.1426

Tritanomaly

46.8130, 53.7870, 85.0054

Monochromacy



Original Color

50.2767, 53.8112, 102.3445

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.3154, 51.5020, 70.3452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2767, 53.8112, 102.3445 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(147, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 198, 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(147, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.2767, 53.8112, 102.3445 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(147, 198, 255) }
```


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

```
.border{ border-color:rgb(147, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(147, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2767, 53.8112, 102.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 198, 255) }
```

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

```
.background{ background-color: rgb(147,  
198, 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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