

Converting Colors

XYZ(52.3383, 57.6611,
102.9755)

Have a look what the booklet for
XYZ(52.3383, 57.6611, 102.9755)
contains.

XYZ(52.3340, 57.6585, 102.9786)	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(52.3340, 57.6585,
102.9786)**

Conversions

Conversions Part 1

Format	Color
Hex	94CEFF
RGB	148, 206, 255
RGB Percent	58%, 81%, 100%
CMY	0.4196, 0.1921, 0.0000
CMYK	0.42, 0.19, 0.00, 0.00
HSL	207°, 100%, 79%
HSV	207°, 42%, 100%
XYZ	52.3340, 57.6585, 102.9786
YIQ	194.2440, -50.2970, 2.9430

Conversions

Conversions Part 2

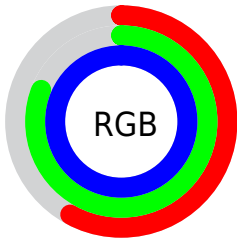
Format	Color
R_{YB}	148, 186, 255
Decimal	9752319
CIE _{Lab}	80.55, -6.35, -29.85
CIE _{LCh}	81, 30.521, 258.001
Yxy	57.6585, 0.2457, 0.2707
Android (android.graphics.Color)	4287942399 (0xFF94CEFF)
YUV	194.2440, 29.9527, -40.5560
Hunter-Lab	75.9332, -9.8589, -27.2543

Details

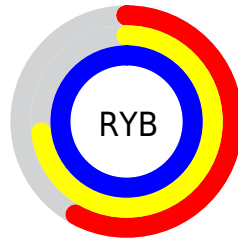
The XYZ color **52.3340, 57.6585, 102.9786** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.5521, 63.3312, 36.7353**, and the grayscale version is **51.2736, 53.9438, 58.7448**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **25.7357, 28.7578, 57.6205** is the 20% darker color. If you saturate the color by 10%, you get **45.5121, 50.1235, 101.8838**, and if you desaturate by 10%, it is **60.3840, 66.1392, 104.1913**.

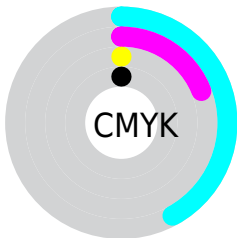
Distribution



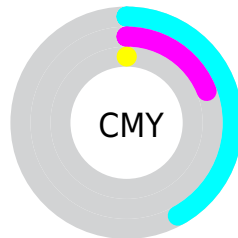
- Red (58%)
- Green (81%)
- Blue (100%)



- Red (58%)
- Yellow (73%)
- Blue (100%)



- Cyan (42%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3340, 57.6585, 102.9786 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 52.3340, 57.6585, 102.9786 by changing the saturation by 10% instead.

■ 52.3340, 57.6585,
102.9786

■ 52.3340, 57.6585,
102.9786

386.0275,
415.9122, 591.0288

■ 37.4967, 41.5342,
78.1597

■ 92.7949, 101.4254,
167.3319

■ 25.7677, 28.7367,
57.6880

■ 119.1493,
129.8367, 207.7035

■ 16.7817, 18.8817,
41.1448

150.0734,
163.1125, 254.0963

■ 10.1733, 11.5849,
28.1117

185.9326,
201.6372, 306.9289

■ 5.5772, 6.4617,
18.1701

227.0923,
245.7951, 366.6200

■ 2.6279, 3.1278,
10.9015

273.9177,

■ 0.9602, 1.1988,

295.9706, 433.5879

5.8873

326.7744,
352.5482, 508.2513

■ 0.0000, 0.0607,
2.7090

■ 0.0000, 0.0000,
0.9479

■ 52.3340, 57.6585,
102.9786

■ 52.3340, 57.6585,
102.9786

■ 45.5121, 50.1235,
101.8838

■ 60.3840, 66.1392,
104.1913

■ 39.8414, 43.4840,
100.9011

■ 69.7228, 75.5996,
105.5251

■ 35.2433, 37.6939,
100.0259

■ 80.4128, 86.0794,
106.9845

■ 31.6258, 32.6987,
99.2524

■ 92.5105, 97.6139,
108.5733

■ 28.8788, 28.4340,
98.5740

95.0500, 100.0000,
108.9000

■ 27.1712, 25.4624,
98.0904

Harmonies

Analogous

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



47.1241, 57.6585, 92.0992



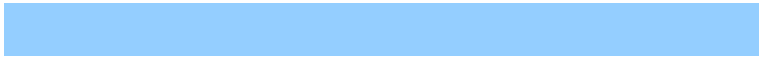
52.3340, 57.6585, 102.9786



58.6141, 57.6585, 101.6824

Triad

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



52.3340, 57.6585, 102.9786



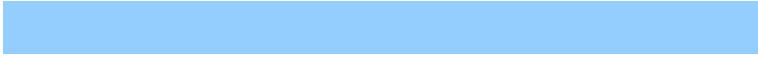
67.0887, 57.6585, 52.7017



46.3213, 57.6585, 42.3929

Complementary

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



52.3340, 57.6585, 102.9786



66.5521, 63.3312, 36.7353

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.



51.1602, 57.6585, 35.3321



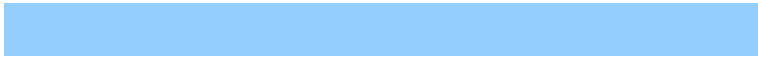
52.3340, 57.6585, 102.9786



63.2731, 57.6585, 40.4551

Square

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



52.3340, 57.6585, 102.9786



67.4634, 57.6585, 70.2364



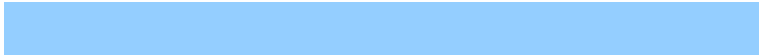
57.3478, 57.6585, 34.6980



43.8342, 57.6585, 55.8715

Rectangle

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



52.3340, 57.6585, 102.9786



62.5667, 57.6585, 94.1128



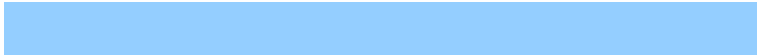
57.3478, 57.6585, 34.6980



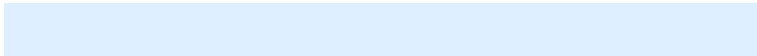
47.7091, 57.6585, 39.3109

Sweetspot

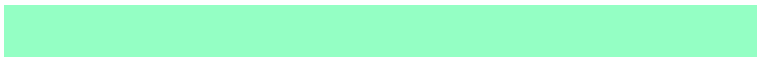
The Sweet Spot groups the original color and five complimentary colors.



52.3357, 57.6606, 102.9790



79.2353, 84.9399, 106.8266



57.9547, 81.8088, 65.0517



16.4360, 17.6715, 22.7946



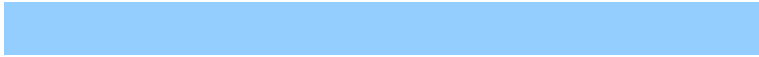
0.0000, 0.0000, 0.0000



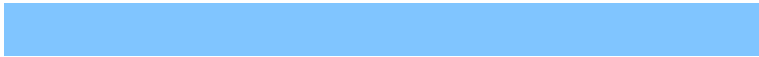
20.3446, 21.4041, 23.3091

Same Dimension

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



52.3357, 57.6606, 102.9790



46.7557, 51.5279, 102.0893



41.7129, 36.4149, 99.4380



17.8189, 19.0093, 22.9800



14.3488, 13.6071, 51.3048



1.5064, 1.5435, 5.0318

Inverse Universe

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



62.9716, 46.8976, 64.1279



58.9280, 40.5818, 57.3189



80.6627, 91.5523, 41.4388



18.4212, 18.1518, 20.8353



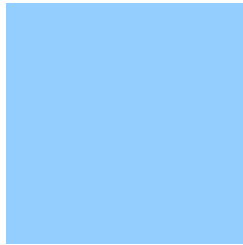
24.0308, 12.1016, 14.0785



2.3950, 1.2004, 1.6613

Previews

White Background



This preview shows how the XYZ color 52.3340, 57.6585, 102.9786 looks on a white background.

Color Contrast Check

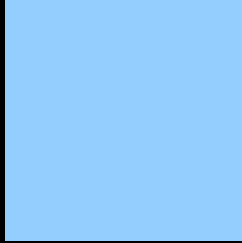
Large Text (above 18pt) WCAG AA × Fail

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 52.3340, 57.6585, 102.9786 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

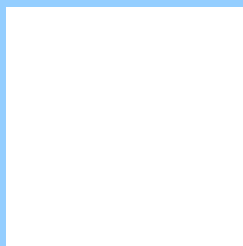
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3340, 57.6585, 102.9786

Background



This preview shows how black text looks on a background with the XYZ color 52.3340, 57.6585, 102.9786.



This preview shows how white text looks on a background with the XYZ color 52.3340, 57.6585,

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

52.3340, 57.6585, 102.9786

Protanopia

57.5587, 57.3369, 97.6560

Deuteranopia

58.5290, 57.3912, 102.6005



Tritanopia

48.2824, 57.8527, 82.0207

Trichromacy



Original Color

52.3340, 57.6585, 102.9786

Protanomaly

55.3004, 57.1578, 99.3847

Deuteranomaly

55.9379, 57.4128, 102.7413

Tritanomaly

49.7347, 57.7033, 89.4055

Monochromacy



Original Color

52.3340, 57.6585, 102.9786

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.7202, 54.6931, 72.8493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3340, 57.6585, 102.9786 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(148, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 206, 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(148, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.3340, 57.6585, 102.9786 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(148, 206, 255) }
```


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

```
.border{ border-color:rgb(148, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 206, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 206, 255); box-shadow:4px 4px 4px 4px rgb(148, 206, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3340, 57.6585, 102.9786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 206, 255) }
```

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

```
.background{ background-color: rgb(148,  
206, 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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