

Converting Colors

XYZ(52.3280, 57.1087, 95.4539)

Have a look what the booklet for
XYZ(52.3280, 57.1087, 95.4539)
contains.

XYZ(52.3280, 57.1087, 95.4539)	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(52.3280, 57.1087,
95.4539)**

Conversions

Conversions Part 1

Format	Color
Hex	9ECCF6
RGB	158, 204, 246
RGB Percent	62%, 80%, 96%
CMY	0.3804, 0.2000, 0.0353
CMYK	0.36, 0.17, 0.00, 0.04
HSL	209°, 83%, 79%
HSV	209°, 36%, 96%
XYZ	52.3280, 57.1087, 95.4539
YIQ	195.0340, -40.8980, 3.3100

Conversions

Conversions Part 2

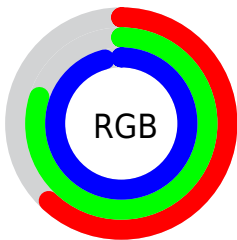
Format	Color
R _Y B	158, 188, 246
Decimal	10407158
CIE Lab	80.24, -5.03, -25.48
CIE LCh	80, 25.975, 258.826
Yxy	57.1087, 0.2554, 0.2787
Android (android.graphics.Color)	4288597238 (0xFF9ECCF6)
YUV	195.0340, 25.1262, -32.4788
Hunter-Lab	75.5703, -8.6472, -21.9908

Details

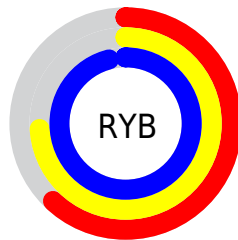
The XYZ color **52.3280, 57.1087, 95.4539** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.8330, 63.3710, 41.1643**, and the grayscale version is **51.7661, 54.4619, 59.3091**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **25.7941, 28.4140, 52.8401** is the 20% darker color. If you saturate the color by 10%, you get **45.2790, 49.4883, 94.3555**, and if you desaturate by 10%, it is **60.5596, 65.6535, 96.6704**.

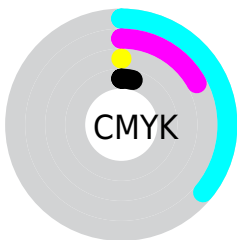
Distribution



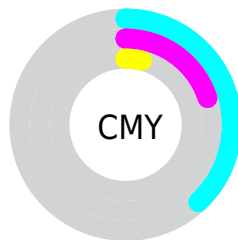
- Red (62%)
- Green (80%)
- Blue (96%)



- Red (62%)
- Yellow (74%)
- Blue (96%)



- Cyan (36%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (38%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3280, 57.1087, 95.4539 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 52.3280, 57.1087, 95.4539 by changing the saturation by 10% instead.

■ 52.3280, 57.1087,
95.4539

■ 52.3280, 57.1087,
95.4539

386.0048,
413.8565, 566.6385

■ 37.4919, 41.0925,
71.9138

■ 92.7862, 100.6238,
156.8925

■ 25.7640, 28.3914,
52.6019

■ 119.1389,
128.8915, 195.6281

■ 16.7789, 18.6209,
37.0995

150.0613,
162.0118, 240.2660

■ 10.1713, 11.3967,
24.9882

185.9187,
200.3691, 291.2247

■ 5.5758, 6.3343,
15.8493

227.0763,
244.3478, 348.9228

■ 2.6271, 3.0494,
9.2644

273.8997,

■ 0.9598, 1.1576,

294.3324, 413.7787

4.8149

326.7540,
350.7071, 486.2111

■ 0.0000, 0.0266,
2.0822

■ 0.0000, 0.0000,
0.6052

■ 52.3280, 57.1087,
95.4539

■ 52.3280, 57.1087,
95.4539

■ 45.2790, 49.4883,
94.3555

■ 60.5596, 65.6535,
96.6704

■ 39.3442, 42.7466,
93.3671

■ 70.0259, 75.1526,
98.0049

■ 34.4566, 36.8430,
92.4852

■ 80.7826, 85.6422,
99.4627

■ 30.5383, 31.7302,
91.7048

■ 92.3614, 96.8872,
101.0229

■ 27.4994, 27.3541,
91.0203

■ 93.6347, 99.4339,
101.4474

■ 25.2294, 23.6499,
90.4249

■ 24.4318, 22.2479,
90.1964

Harmonies

Analogous

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



47.8403, 57.1087, 86.8533



52.3280, 57.1087, 95.4539



57.6372, 57.1087, 94.1181

Triad

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



52.3280, 57.1087, 95.4539



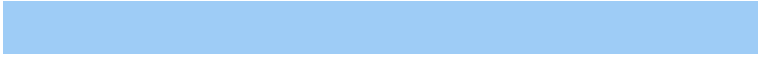
64.5141, 57.1087, 53.2267



46.9613, 57.1087, 44.8701

Complementary

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



52.3280, 57.1087, 95.4539



64.8330, 63.3710, 41.1643

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.



51.0559, 57.1087, 38.4354



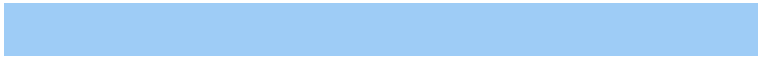
52.3280, 57.1087, 95.4539



61.2733, 57.1087, 42.6898

Square

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



52.3280, 57.1087, 95.4539



64.9101, 57.1087, 68.0142



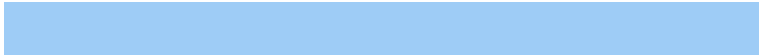
56.2802, 57.1087, 37.7082



44.8791, 57.1087, 56.6925

Rectangle

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



52.3280, 57.1087, 95.4539



60.9269, 57.1087, 87.8182



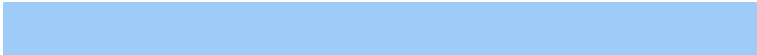
56.2802, 57.1087, 37.7082



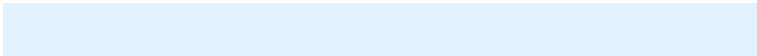
48.1352, 57.1087, 42.0938

Sweetspot

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



52.3298, 57.1109, 95.4552



81.3498, 86.8168, 107.0775



57.3743, 77.3085, 65.9732



17.0768, 18.2544, 22.8734



0.0000, 0.0000, 0.0000



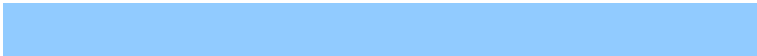
20.3446, 21.4041, 23.3091

Same Dimension

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



52.3298, 57.1109, 95.4552



51.0666, 55.8271, 102.6920



43.4700, 39.3912, 92.5019



16.2980, 17.3602, 21.0344



13.1821, 12.1580, 48.1900



1.2615, 1.2744, 4.2697

Inverse Universe

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



61.1335, 48.4079, 63.2507



62.1590, 45.9139, 61.8792



76.2493, 86.2037, 44.9697



16.8610, 16.6272, 19.0145



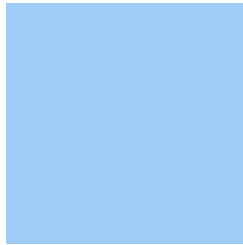
22.4582, 11.3267, 12.3874



2.0258, 1.0163, 1.3623

Previews

White Background



This preview shows how the XYZ color 52.3280, 57.1087, 95.4539 looks on a white background.

Color Contrast Check

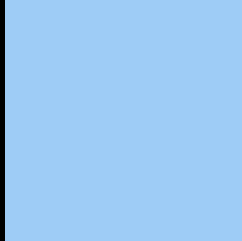
Large Text (above 18pt) WCAG AA × Fail

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 52.3280, 57.1087, 95.4539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

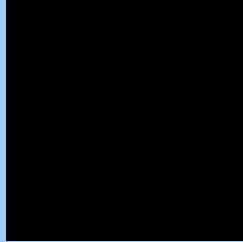
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

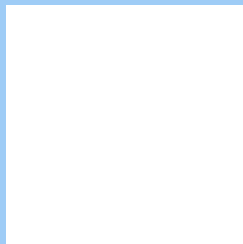
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3280, 57.1087, 95.4539

Background



This preview shows how black text looks on a background with the XYZ color 52.3280, 57.1087, 95.4539.



This preview shows how white text looks on a background with the XYZ color 52.3280, 57.1087,

95.4539.

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

52.3280, 57.1087, 95.4539

Protanopia

56.8297, 57.1022, 91.2457

Deuteranopia

58.1966, 57.0140, 96.7444



Tritanopia

49.1473, 57.2659, 78.9841

Trichromacy



Original Color

52.3280, 57.1087, 95.4539

Protanomaly

55.1920, 57.2446, 92.9344

Deuteranomaly

55.8050, 56.8069, 96.0193

Tritanomaly

50.3959, 57.4204, 84.7710

Monochromacy



Original Color

52.3280, 57.1087, 95.4539

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.6231, 55.1883, 71.5499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3280, 57.1087, 95.4539 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(158, 204, 246)` looks like.

```
.text, #text, p{  
    color:rgb(158, 204, 246)  
}
```

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(158, 204, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 204, 246) }
```

Border

The CSS property to change the border of an element to XYZ 52.3280, 57.1087, 95.4539 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(158, 204, 246) }
```


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

```
.border{ border-color:rgb(158, 204, 246) }
```

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

Here you see how a box with a 4 pixel rgb(158, 204, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 204, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 204, 246);  
box-shadow:4px 4px 4px 4px rgb(158, 204,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3280, 57.1087, 95.4539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 204, 246) }
```

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

```
.background{ background-color: rgb(158,  
204, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor