

Converting Colors

XYZ(53.3876, 57.1788,
102.8305)

Have a look what the booklet for
XYZ(53.3876, 57.1788, 102.8305)
contains.

XYZ(53.3106, 57.1000, 102.8194)	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(53.3106, 57.1000,
102.8194)**

Conversions

Conversions Part 1

Format	Color
Hex	9DCBFF
RGB	157, 203, 255
RGB Percent	62%, 80%, 100%
CMY	0.3843, 0.2039, 0.0000
CMYK	0.38, 0.20, 0.00, 0.00
HSL	212°, 100%, 81%
HSV	212°, 38%, 100%
XYZ	53.3106, 57.1000, 102.8194
YIQ	195.1740, -44.1080, 6.4200

Conversions

Conversions Part 2

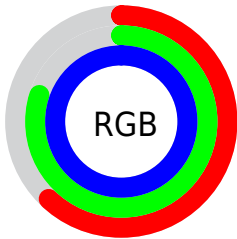
Format	Color
R _Y B	157, 188, 255
Decimal	10341375
CIE Lab	80.24, -2.46, -30.29
CIE LCh	80, 30.392, 265.351
Yxy	57.1000, 0.2500, 0.2678
Android (android.graphics.Color)	4288531455 (0xFF9DCBFF)
YUV	195.1740, 29.4942, -33.4786
Hunter-Lab	75.5645, -6.3066, -27.7797

Details

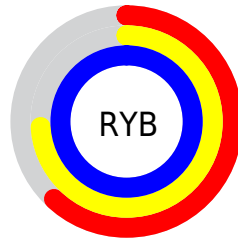
The XYZ color **53.3106, 57.1000, 102.8194** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.1269, 69.2958, 41.5796**, and the grayscale version is **51.8255, 54.5245, 59.3772**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **26.3073, 28.3388, 57.5095** is the 20% darker color. If you saturate the color by 10%, you get **45.7880, 48.6848, 101.5916**, and if you desaturate by 10%, it is **62.1536, 66.6124, 104.1894**.

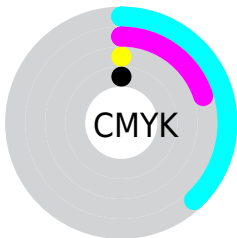
Distribution



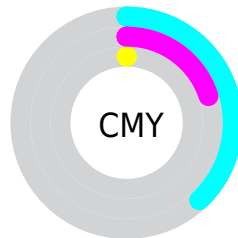
- Red (62%)
- Green (80%)
- Blue (100%)



- Red (62%)
- Yellow (74%)
- Blue (100%)



- Cyan (38%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3106, 57.1000, 102.8194 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 53.3106, 57.1000, 102.8194 by changing the saturation by 10% instead.

■ 53.3106, 57.1000,
102.8194

■ 53.3106, 57.1000,
102.8194

389.7170,
413.8239, 590.5183

■ 38.2793, 41.0855,
78.0273

■ 94.2241, 100.6111,
167.1119

■ 26.3777, 28.3859,
57.5798

■ 120.8370,
128.8765, 207.4493

■ 17.2406, 18.6168,
41.0585

152.0410,
161.9943, 253.8056

■ 10.5025, 11.3937,
28.0447

188.2017,
200.3490, 306.5992

■ 5.7982, 6.3323,
18.1200

229.6842,
244.3249, 366.2487

■ 2.7623, 3.0482,
10.8659

276.8541,

■ 1.0293, 1.1569,

294.3064, 433.1727

5.8637

330.0765,
350.6780, 507.7898

■ 0.0000, 0.0261,
2.6949

■ 0.0000, 0.0000,
0.9409

■ 53.3106, 57.1000,
102.8194

■ 53.3106, 57.1000,
102.8194

■ 45.7880, 48.6848,
101.5916

■ 62.1536, 66.6124,
104.1894

■ 39.5085, 41.3128,
100.4996

■ 72.3783, 77.2599,
105.7056

■ 34.3942, 34.9338,
99.5379

■ 84.0480, 89.0862,
107.3733

■ 30.3546, 29.4901,
98.7000

95.0500, 100.0000,
108.9000

■ 27.2843, 24.9150,
97.9788

■ 25.0378, 21.1212,
97.3649

■ 24.7301, 20.5802,
97.2767

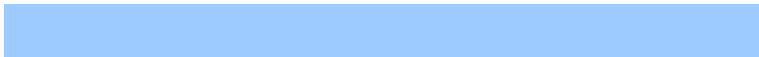
Harmonies

Analogous

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



47.7680, 57.1000, 94.7252



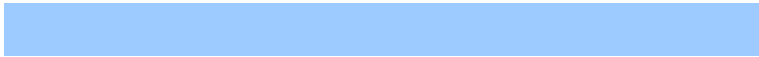
53.3106, 57.1000, 102.8194



59.5413, 57.1000, 98.4395

Triad

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



53.3106, 57.1000, 102.8194



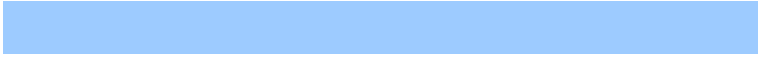
65.7819, 57.1000, 48.6617



45.0379, 57.1000, 44.7005

Complementary

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



53.3106, 57.1000, 102.8194



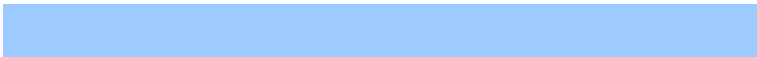
70.1269, 69.2958, 41.5796

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.



49.3228, 57.1000, 36.1264



53.3106, 57.1000, 102.8194



61.3407, 57.1000, 38.0892

Square

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



53.3106, 57.1000, 102.8194



67.0513, 57.1000, 64.9828



55.2446, 57.1000, 33.9586



43.2290, 57.1000, 59.4438

Rectangle

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



53.3106, 57.1000, 102.8194



63.2086, 57.1000, 89.4052



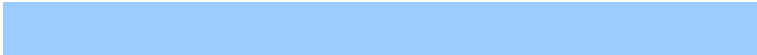
55.2446, 57.1000, 33.9586



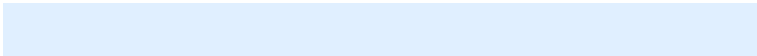
46.2198, 57.1000, 41.1206

Sweetspot

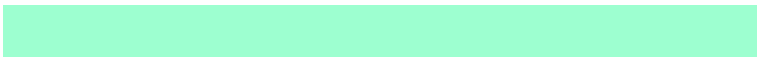
The Sweet Spot groups the original color and five complimentary colors.



53.3123, 57.1021, 102.8197



79.7119, 84.7260, 106.7602



61.0058, 83.2247, 72.2883



16.7322, 17.8016, 22.8041



0.0000, 0.0000, 0.0000



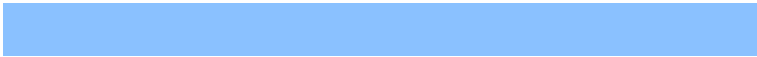
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3123, 57.1021, 102.8197



47.4988, 50.6319, 101.8772



44.3340, 38.6694, 99.7350



17.7060, 18.7837, 22.9424



13.0685, 11.0467, 50.8780



1.3807, 1.2920, 4.9899

Inverse Universe

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



64.0776, 49.6874, 62.7155



59.8844, 43.1906, 55.4926



82.4878, 94.9060, 45.8714



18.3643, 18.1290, 20.5354



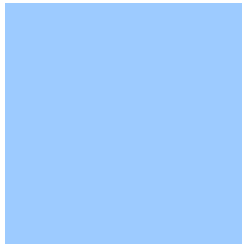
23.3846, 11.8431, 10.6757



2.3315, 1.1750, 1.3271

Previews

White Background



This preview shows how the XYZ color 53.3106, 57.1000, 102.8194 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 53.3106, 57.1000, 102.8194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

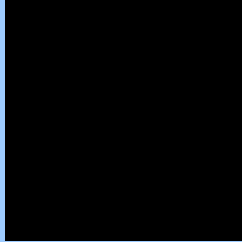
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

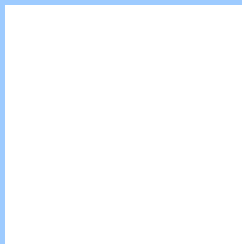
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3106, 57.1000, 102.8194

Background



This preview shows how black text looks on a background with the XYZ color 53.3106, 57.1000, 102.8194.



This preview shows how white text looks on a background with the XYZ color 53.3106, 57.1000,

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

53.3106, 57.1000, 102.8194

Protanopia

57.0028, 56.6963, 98.3816

Deuteranopia

58.0586, 56.8150, 102.5141



Tritanopia

48.5409, 56.9376, 79.6658

Trichromacy



Original Color

53.3106, 57.1000, 102.8194

Protanomaly

55.6733, 56.9891, 100.1612

Deuteranomaly

56.1486, 56.8383, 102.6193

Tritanomaly

50.1605, 56.8741, 87.6909

Monochromacy



Original Color

53.3106, 57.1000, 102.8194

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7745, 55.2217, 73.5757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3106, 57.1000, 102.8194 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(157, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 203, 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(157, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 203, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.3106, 57.1000, 102.8194 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(157, 203, 255) }
```


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

```
.border{ border-color:rgb(157, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 203, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 203, 255); box-shadow:4px 4px 4px 4px rgb(157, 203, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3106, 57.1000, 102.8194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 203, 255) }
```

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

```
.background{ background-color: rgb(157,  
203, 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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