

Converting Colors

XYZ(52.9476, 57.5860,
111.6654)

Have a look what the booklet for
XYZ(52.9476, 57.5860, 111.6654)
contains.

XYZ(51.2090, 56.7223, 102.8572)	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(51.2090, 56.7223,
102.8572)**

Conversions

Conversions Part 1

Format	Color
Hex	8FCDFE
RGB	143, 205, 255
RGB Percent	56%, 80%, 100%
CMY	0.4392, 0.1961, 0.0000
CMYK	0.44, 0.20, 0.00, 0.00
HSL	207°, 100%, 78%
HSV	207°, 44%, 100%
XYZ	51.2090, 56.7223, 102.8572
YIQ	192.1620, -53.0020, 2.4060

Conversions

Conversions Part 2

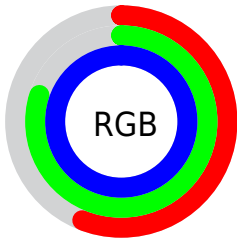
Format	Color
RYB	143, 183, 255
Decimal	9424383
CIELab	80.02, -7.04, -30.68
CIElCh	80, 31.480, 257.081
Yxy	56.7223, 0.2429, 0.2691
Android (android.graphics.Color)	4287614463 (0xFF8FCDFE)
YUV	192.1620, 30.9791, -43.1151
Hunter-Lab	75.3142, -10.4309, -28.2529

Details

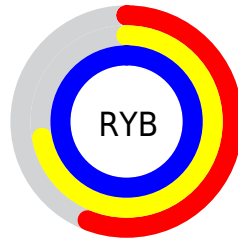
The XYZ color **51.2090, 56.7223, 102.8572** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.2686, 61.3839, 34.3968**, and the grayscale version is **50.0460, 52.6523, 57.3383**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **25.0974, 28.1889, 57.5443** is the 20% darker color. If you saturate the color by 10%, you get **44.6614, 49.4515, 101.7989**, and if you desaturate by 10%, it is **58.9613, 64.9107, 104.0292**.

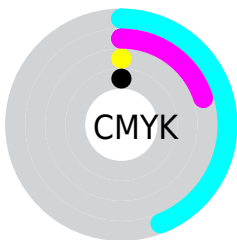
Distribution



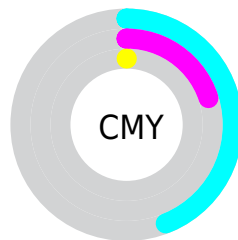
- Red (56%)
- Green (80%)
- Blue (100%)



- Red (56%)
- Yellow (72%)
- Blue (100%)



- Cyan (44%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2090, 56.7223, 102.8572 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 51.2090, 56.7223, 102.8572 by changing the saturation by 10% instead.

■ 51.2090, 56.7223,
102.8572

■ 51.2090, 56.7223,
102.8572

381.7495,
412.4079, 590.6395

■ 36.5967, 40.7823,
78.0587

■ 91.1448, 100.0599,
167.1641

■ 25.0676, 28.1490,
57.6055

■ 117.1990,
128.2263, 207.5097

■ 16.2564, 18.4380,
41.0790

147.7978,
161.2369, 253.8746

■ 9.7978, 11.2649,
28.0606

183.3067,
199.4762, 306.6775

■ 5.3263, 6.2453,
18.1319

224.0910,
243.3286, 366.3369

■ 2.4767, 2.9948,
10.8743

270.5159,

■ 0.8835, 1.1290,

293.1784, 433.2713

5.8693

322.9470,
349.4100, 507.8994

■ 0.0000, 0.0026,
2.6983

■ 0.0000, 0.0000,
0.9425

■ 51.2090, 56.7223,
102.8572

■ 51.2090, 56.7223,
102.8572

■ 44.6614, 49.4515,
101.7989

■ 58.9613, 64.9107,
104.0292

■ 39.2405, 43.0483,
100.8487

■ 67.9797, 74.0507,
105.3180

■ 34.8660, 37.4660,
100.0018

■ 78.3273, 84.1819,
106.7282

■ 31.4436, 32.6494,
99.2524

■ 90.0609, 95.3394,
108.2634

■ 28.8586, 28.5324,
98.5940

95.0500, 100.0000,
108.9000

■ 27.5990, 26.3180,
98.2330

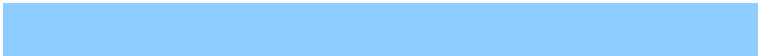
Harmonies

Analogous

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



45.9623, 56.7223, 91.3203



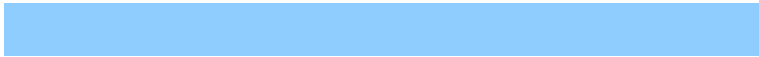
51.2090, 56.7223, 102.8572



57.6074, 56.7223, 101.9297

Triad

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



51.2090, 56.7223, 102.8572



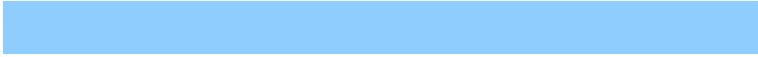
66.5475, 56.7223, 51.9801



45.3967, 56.7223, 40.7423

Complementary

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



51.2090, 56.7223, 102.8572



65.2686, 61.3839, 34.3968

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.



50.3797, 56.7223, 33.8343



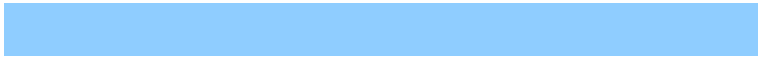
51.2090, 56.7223, 102.8572



62.7312, 56.7223, 39.3867

Square

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



51.2090, 56.7223, 102.8572



66.8139, 56.7223, 69.9773



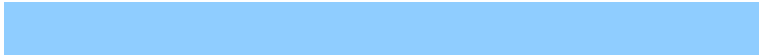
56.7102, 56.7223, 33.3929



42.7896, 56.7223, 54.2143

Rectangle

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



51.2090, 56.7223, 102.8572



61.6753, 56.7223, 94.3468



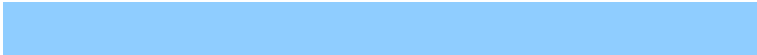
56.7102, 56.7223, 33.3929



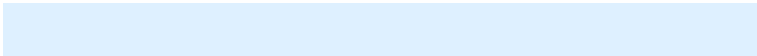
46.8307, 56.7223, 37.7024

Sweetspot

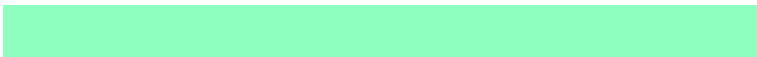
The Sweet Spot groups the original color and five complimentary colors.



51.2107, 56.7244, 102.8575



79.3476, 85.1647, 106.8641



56.5516, 81.1453, 62.2821



16.4637, 17.7270, 22.8039



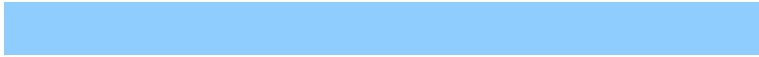
0.0000, 0.0000, 0.0000



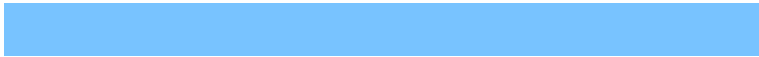
20.3446, 21.4041, 23.3091

Same Dimension

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



51.2107, 56.7244, 102.8575



45.2155, 50.0834, 101.8917



40.3602, 35.0235, 99.2407



17.8368, 19.0453, 22.9860



14.5724, 14.0545, 51.3793



1.5279, 1.5866, 5.0390

Inverse Universe

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



62.0830, 45.3143, 63.2342



57.7511, 38.5820, 55.8357



79.6225, 90.0917, 39.1814



18.4303, 18.1554, 20.8831



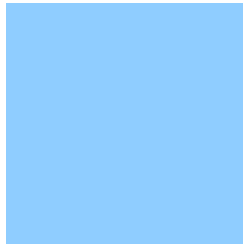
24.1437, 12.1468, 14.6730



2.4058, 1.2047, 1.7186

Previews

White Background



This preview shows how the XYZ color 51.2090, 56.7223, 102.8572 looks on a white background.

Color Contrast Check

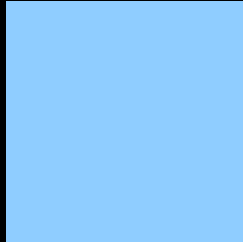
Large Text (above 18pt) WCAG AA × Fail

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 51.2090, 56.7223, 102.8572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

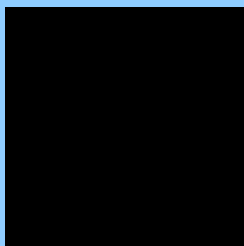
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

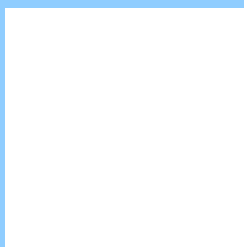
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2090, 56.7223, 102.8572

Background



This preview shows how black text looks on a background with the XYZ color 51.2090, 56.7223, 102.8572.

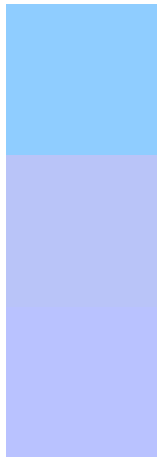


This preview shows how white text looks on a background with the XYZ color 51.2090, 56.7223,

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

51.2090, 56.7223, 102.8572

Protanopia

56.6908, 56.5715, 96.7384

Deuteranopia

57.3494, 56.1179, 102.4169



Tritanopia

46.9034, 56.7901, 81.1626

Trichromacy



Original Color

51.2090, 56.7223, 102.8572

Protanomaly

54.4136, 56.3579, 99.2771

Deuteranomaly

54.8216, 56.1542, 102.5572

Tritanomaly

48.3232, 56.6294, 88.5044

Monochromacy



Original Color

51.2090, 56.7223, 102.8572

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.6876, 53.8375, 72.0628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2090, 56.7223, 102.8572 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(143, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 205, 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(143, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.2090, 56.7223, 102.8572 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(143, 205, 255) }
```


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

```
.border{ border-color:rgb(143, 205, 255) }
```

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

Here you see how a box with a 4 pixel rgb(143, 205, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2090, 56.7223, 102.8572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 205, 255) }
```

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

```
.background{ background-color: rgb(143,  
205, 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](#).

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