

Converting Colors

XYZ(50.7043, 58.6338,
103.2528)

Have a look what the booklet for
XYZ(50.7043, 58.6338, 103.2528)
contains.

XYZ(50.7043, 58.6338, 103.2528)	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(50.7043, 58.6338,
103.2528)**

Conversions

Conversions Part 1

Format	Color
Hex	83D3FF
RGB	131, 211, 255
RGB Percent	51%, 83%, 100%
CMY	0.4863, 0.1725, 0.0000
CMYK	0.49, 0.17, 0.00, 0.00
HSL	201°, 100%, 76%
HSV	201°, 49%, 100%
XYZ	50.7043, 58.6338, 103.2528
YIQ	192.0960, -61.8040, -3.2760

Conversions

Conversions Part 2

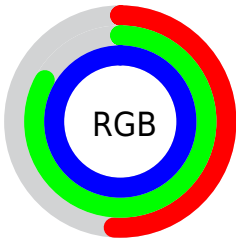
Format	Color
R _Y B	131, 180, 255
Decimal	8639487
CIE Lab	81.09, -12.98, -29.10
CIE LCh	81, 31.858, 245.962
Yxy	58.6338, 0.2385, 0.2758
Android (android.graphics.Color)	4286829567 (0xFF83D3FF)
YUV	192.0960, 31.0117, -53.5812
Hunter-Lab	76.5727, -15.8046, -26.3474

Details

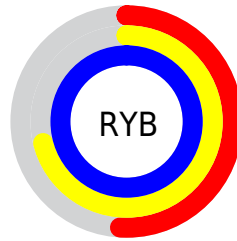
The XYZ color **50.7043, 58.6338, 103.2528** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **60.6675, 53.5596, 28.6152**, and the grayscale version is **50.0111, 52.6155, 57.2983**.

A 20% lighter version of the original color is **75.0452, 89.6871, 107.9638**, and **24.6800, 29.1937, 57.7603** is the 20% darker color. If you saturate the color by 10%, you get **45.0453, 52.4740, 102.3621**, and if you desaturate by 10%, it is **57.4650, 65.5519, 104.2318**.

Distribution



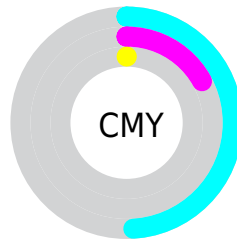
- Red (51%)
- Green (83%)
- Blue (100%)



- Red (51%)
- Yellow (71%)
- Blue (100%)



- Cyan (49%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7043, 58.6338, 103.2528 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 50.7043, 58.6338, 103.2528 by changing the saturation by 10% instead.

50.7043, 58.6338,
103.2528

50.7043, 58.6338,
103.2528

379.8205,
419.5435, 591.9074

36.1934, 42.3184,
78.3879

90.4031, 102.8452,
167.7109

24.7544, 29.3507,
57.8743

116.3218,
131.5101, 208.1411

16.0219, 19.3463,
41.2936

146.7737,
165.0602, 254.5969

9.6306, 11.9208,
28.2271

182.1243,
203.8799, 307.4967

5.2151, 6.6897,
18.2564

222.7390,
248.3538, 367.2591

2.4101, 3.2688,
10.9629

268.9829,

0.8501, 1.2736,

298.8660, 434.3027

5.9280

321.2217,
355.8011, 509.0459

■ 0.0000, 0.1207,
2.7333

■ 0.0000, 0.0000,
0.9601

■ 50.7043, 58.6338,
103.2528

■ 50.7043, 58.6338,
103.2528

■ 45.0453, 52.4740,
102.3621

■ 57.4650, 65.5519,
104.2318

■ 40.4082, 47.0246,
101.5547

■ 65.3895, 73.2595,
105.3018

■ 36.7098, 42.2408,
100.8262

■ 74.5411, 81.7934,
106.4667

■ 33.8500, 38.0677,
100.1715

■ 84.9767, 91.1859,
107.7296

■ 31.6870, 34.4289,
99.5831

95.0500, 100.0000,
108.9000

■ 31.4185, 33.9571,
99.5062

Harmonies

Analogous

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



46.0497, 58.6338, 87.7291



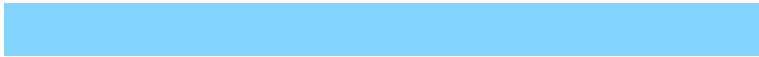
50.7043, 58.6338, 103.2528



57.0621, 58.6338, 107.3908

Triad

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



50.7043, 58.6338, 103.2528



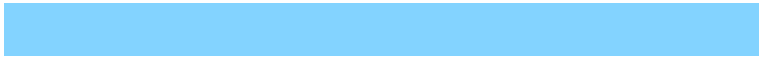
69.3709, 58.6338, 60.1306



48.5847, 58.6338, 38.6503

Complementary

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



50.7043, 58.6338, 103.2528



60.6675, 53.5596, 28.6152

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.



54.4181, 58.6338, 34.0182



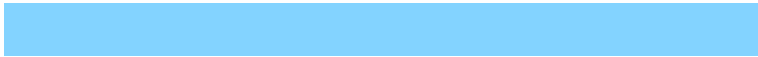
50.7043, 58.6338, 103.2528



66.6792, 58.6338, 44.7400

Square

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



50.7043, 58.6338, 103.2528



68.1802, 58.6338, 79.8710



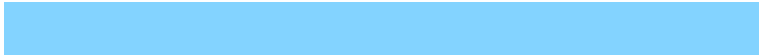
61.0766, 58.6338, 36.0037



44.8954, 58.6338, 50.1156

Rectangle

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



50.7043, 58.6338, 103.2528



61.4891, 58.6338, 102.5419



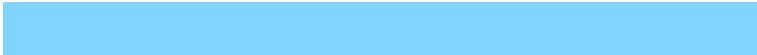
61.0766, 58.6338, 36.0037



50.3416, 58.6338, 36.3579

Sweetspot

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



50.7060, 58.6359, 103.2531



78.1731, 85.0976, 106.9131



52.8003, 79.4175, 52.7972



16.2758, 17.8002, 22.8279



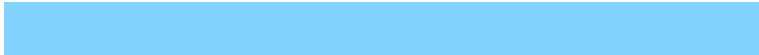
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



50.7060, 58.6359, 103.2531



45.3684, 52.8380, 102.4153



38.2543, 33.7324, 99.1025



17.9808, 19.3332, 23.0339



16.5629, 18.0353, 52.0428



1.7157, 1.9622, 5.1016

Inverse Universe

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



61.1153, 42.1974, 66.5540



57.2306, 36.0852, 60.1499



75.4481, 83.1208, 33.5420



18.5030, 18.1845, 21.2657



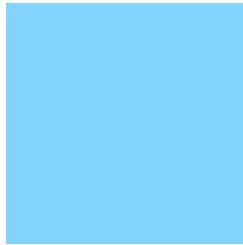
25.1484, 12.5486, 19.9636



2.5006, 1.2426, 2.2178

Previews

White Background



This preview shows how the XYZ color 50.7043, 58.6338, 103.2528 looks on a white background.

Color Contrast Check

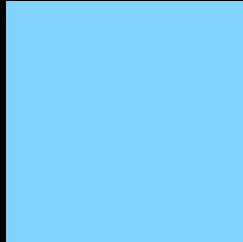
Large Text (above 18pt) WCAG AA × Fail

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 50.7043, 58.6338, 103.2528 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

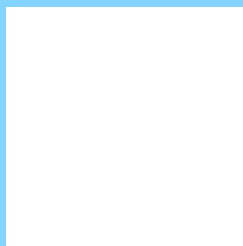
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7043, 58.6338, 103.2528

Background



This preview shows how black text looks on a background with the XYZ color 50.7043, 58.6338, 103.2528.

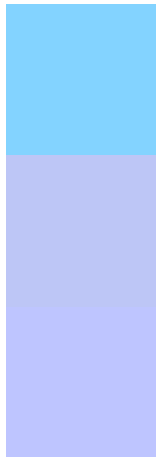


This preview shows how white text looks on a background with the XYZ color 50.7043, 58.6338,

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

50.7043, 58.6338, 103.2528

Protanopia

57.8149, 57.8608, 95.3099

Deuteranopia

59.2515, 58.0997, 102.6992



Tritanopia

47.1781, 58.7122, 85.1900

Trichromacy



Original Color

50.7043, 58.6338, 103.2528

Protanomaly

54.6033, 57.8763, 97.9159

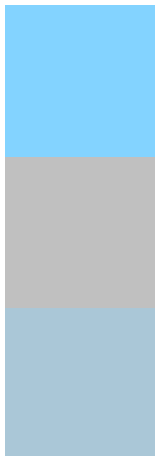
Deuteranomaly

55.5327, 57.8961, 102.8559

Tritanomaly

48.5271, 58.8964, 91.2486

Monochromacy



Original Color

50.7043, 58.6338, 103.2528

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.2667, 54.2992, 72.1741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7043, 58.6338, 103.2528 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(131, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(131, 211, 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(131, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.7043, 58.6338, 103.2528 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(131, 211, 255) }
```


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

```
.border{ border-color:rgb(131, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(131, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7043, 58.6338, 103.2528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 211, 255) }
```

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

```
.background{ background-color: rgb(131,  
211, 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