

Converting Colors

XYZ(47.2881, 56.8727,
103.0929)

Have a look what the booklet for
XYZ(47.2881, 56.8727, 103.0929)
contains.

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Color

**XYZ(47.2881, 56.8727,
103.0929)**

Conversions

Conversions Part 1

Format	Color
Hex	6AD3FF
RGB	106, 211, 255
RGB Percent	42%, 83%, 100%
CMY	0.5843, 0.1725, 0.0000
CMYK	0.58, 0.17, 0.00, 0.00
HSL	198°, 100%, 71%
HSV	198°, 58%, 100%
XYZ	47.2881, 56.8727, 103.0929
YIQ	184.6210, -76.7040, -8.5760

Conversions

Conversions Part 2

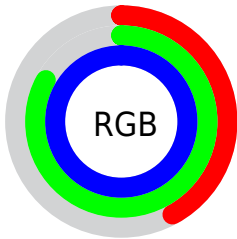
Format	Color
R _Y B	106, 168, 255
Decimal	7001087
CIE Lab	80.11, -18.06, -30.69
CIE LCh	80, 35.609, 239.516
Yxy	56.8727, 0.2282, 0.2744
Android (android.graphics.Color)	4285191167 (0xFF6AD3FF)
YUV	184.6210, 34.6968, -68.9506
Hunter-Lab	75.4140, -20.0466, -28.2612

Details

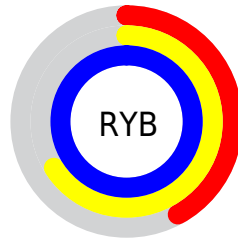
The XYZ color **47.2881, 56.8727, 103.0929** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **54.7489, 44.1148, 19.2671**, and the grayscale version is **45.7496, 48.1321, 52.4159**.

A 20% lighter version of the original color is **69.9584, 87.0648, 107.7257**, and **22.5604, 28.1010, 57.6611** is the 20% darker color. If you saturate the color by 10%, you get **42.8691, 51.8833, 102.3628**, and if you desaturate by 10%, it is **52.6988, 62.5057, 103.8950**.

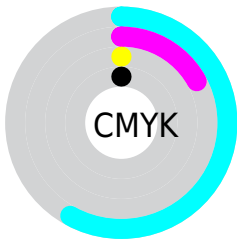
Distribution



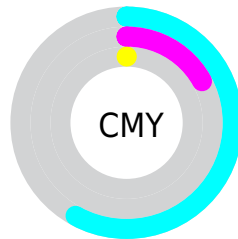
- Red (42%)
- Green (83%)
- Blue (100%)



- Red (42%)
- Yellow (66%)
- Blue (100%)



- Cyan (58%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2881, 56.8727, 103.0929 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 47.2881, 56.8727, 103.0929 by changing the saturation by 10% instead.

47.2881, 56.8727,
103.0929

47.2881, 56.8727,
103.0929

366.5931,
412.9721, 591.3951

33.4724, 40.9030,
78.2548

85.3596, 100.2794,
167.4899

22.6495, 28.2433,
57.7656

110.3461,
128.4853, 207.8859

14.4542, 18.5092,
41.2068

139.7870,
161.5386, 254.3050

8.5210, 11.3162,
28.1598

174.0474,
199.8239, 307.1656

4.4847, 6.2799,
18.2061

213.4929,
243.7255, 366.8864

1.9798, 3.0160,
10.9271

258.4888,

0.6226, 1.1401,

293.6278, 433.8859

5.9043

309.4004,
349.9152, 508.5826

■ 0.0000, 0.0119,
2.7191

■ 0.0000, 0.0000,
0.9530

■ 47.2881, 56.8727,
103.0929

■ 47.2881, 56.8727,
103.0929

■ 42.8691, 51.8833,
102.3628

■ 52.6988, 62.5057,
103.8950

■ 39.3530, 47.4866,
101.6994

■ 59.1696, 68.8159,
104.7720

■ 36.6427, 43.6318,
101.0982

■ 66.7686, 75.8413,
105.7275

■ 34.6002, 40.2460,
100.5524

■ 75.5563, 83.6146,
106.7647

■ 34.3107, 39.7413,
100.4702

■ 85.5888, 92.1664,
107.8866

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



42.8100, 56.8727, 83.7487



47.2881, 56.8727, 103.0929



53.9381, 56.8727, 111.0383

Triad

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



47.2881, 56.8727, 103.0929



69.2274, 56.8727, 62.2626



47.4750, 56.8727, 33.2755

Complementary

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



47.2881, 56.8727, 103.0929



54.7489, 44.1148, 19.2671

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.



54.1737, 56.8727, 29.9680



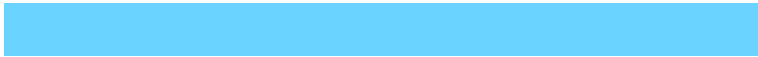
47.2881, 56.8727, 103.0929



67.1164, 56.8727, 44.2653

Square

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



47.2881, 56.8727, 103.0929



66.9804, 56.8727, 84.4653



61.4402, 56.8727, 33.4990



42.9109, 56.8727, 43.7998

Rectangle

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



47.2881, 56.8727, 103.0929



58.8476, 56.8727, 107.6895



61.4402, 56.8727, 33.4990



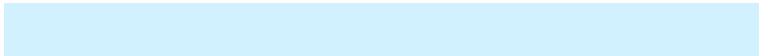
49.5315, 56.8727, 31.4032

Sweetspot

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



47.2898, 56.8747, 103.0932



75.9603, 83.9648, 106.8110



47.0676, 76.7298, 40.4388



15.6810, 17.4688, 22.7953



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.



47.2898, 56.8747, 103.0932



42.2589, 51.1542, 102.2542



33.1248, 28.5447, 98.3715



18.0753, 19.5223, 23.0654



18.0641, 21.0377, 52.5432



1.8538, 2.2384, 5.1476

Inverse Universe

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



58.1531, 36.2729, 65.5664



54.5540, 30.7761, 59.1222



70.1544, 74.9257, 24.4023



18.5507, 18.2036, 21.5169



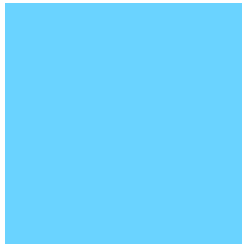
25.9061, 12.8517, 23.9538



2.5703, 1.2705, 2.5848

Previews

White Background



This preview shows how the XYZ color 47.2881, 56.8727, 103.0929 looks on a white background.

Color Contrast Check

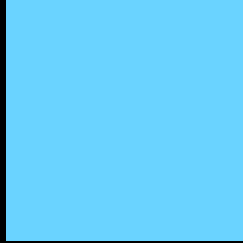
Large Text (above 18pt) WCAG AA × Fail

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 47.2881, 56.8727, 103.0929 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

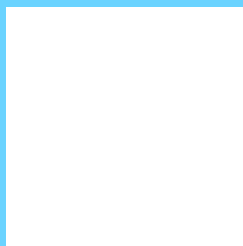
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.2881, 56.8727, 103.0929

Background



This preview shows how black text looks on a background with the XYZ color 47.2881, 56.8727, 103.0929.

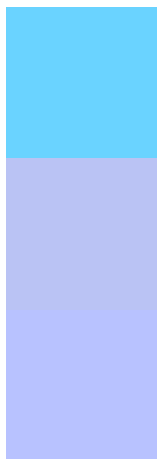


This preview shows how white text looks on a background with the XYZ color 47.2881, 56.8727,

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

47.2881, 56.8727, 103.0929

Protanopia

56.0939, 56.0010, 93.4408

Deuteranopia

57.1090, 55.9939, 102.4057



Tritanopia

43.6898, 56.9139, 85.0267

Trichromacy



Original Color

47.2881, 56.8727, 103.0929

Protanomaly

51.7345, 55.7187, 96.8350

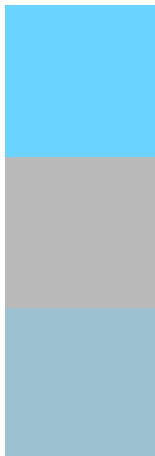
Deuteranomaly

52.4146, 55.5965, 102.5764

Tritanomaly

45.0303, 57.0937, 91.0849

Monochromacy



Original Color

47.2881, 56.8727, 103.0929

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.6349, 50.3046, 68.3300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2881, 56.8727, 103.0929 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(106, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(106, 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(106, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 47.2881, 56.8727, 103.0929 is called "border". The border property can be set on classes, ids or directly on the HTML element.

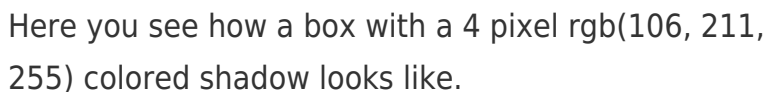
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 211, 255) }
```


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

```
.border{ border-color:rgb(106, 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(106, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 211, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 211, 255); box-shadow:4px 4px 4px 4px rgb(106, 211, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2881, 56.8727, 103.0929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 211, 255) }
```

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

```
.background{ background-color: rgb(106,  
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](#).

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