

Converting Colors

XYZ(49.3760, 56.9324,
113.7080)

Have a look what the booklet for
XYZ(49.3760, 56.9324, 113.7080)
contains.

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Color

**XYZ(47.4060, 56.2004,
102.9569)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6FD1FF |
| RGB | 111, 209, 255 |
| RGB Percent | 44%, 82%, 100% |
| CMY | 0.5647, 0.1804, 0.0000 |
| CMYK | 0.56, 0.18, 0.00, 0.00 |
| HSL | 199°, 100%, 72% |
| HSV | 199°, 56%, 100% |
| XYZ | 47.4060, 56.2004, 102.9569 |
| YIQ | 184.9420, -73.1740, -6.4700 |

Conversions

Conversions Part 2

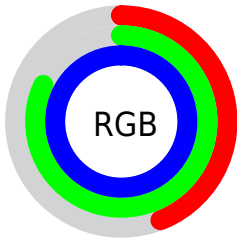
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 111, 169, 255 |
| Decimal | 7328255 |
| CIE _{Lab} | 79.73, -16.10, -31.26 |
| CIE _{LCh} | 80, 35.157, 242.752 |
| Yxy | 56.2004, 0.2295, 0.2721 |
| Android (android.graphics.Color) | 4285518335 (0xFF6FD1FF) |
| YUV | 184.9420, 34.5386, -64.8471 |
| Hunter-Lab | 74.9669, -18.3161, -28.9499 |

Details

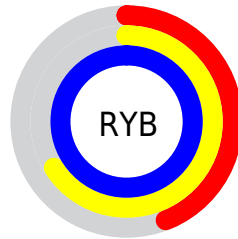
The XYZ color **47.4060, 56.2004, 102.9569** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **56.1673, 46.5233, 21.0606**, and the grayscale version is **45.9269, 48.3186, 52.6190**.

A 20% lighter version of the original color is **70.8233, 87.5107, 107.7662**, and **22.7895, 27.9710, 57.6239** is the 20% darker color. If you saturate the color by 10%, you get **42.6959, 50.8819, 102.1786**, and if you desaturate by 10%, it is **53.1371, 62.1992, 103.8128**.

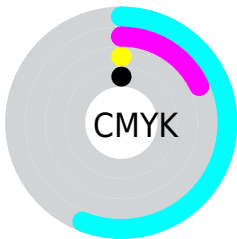
Distribution



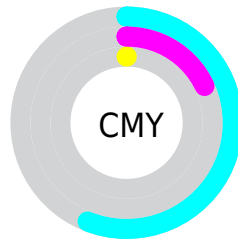
- Red (44%)
- Green (82%)
- Blue (100%)



- Red (44%)
- Yellow (66%)
- Blue (100%)



- Cyan (56%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4060, 56.2004, 102.9569 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 47.4060, 56.2004, 102.9569 by changing the saturation by 10% instead.

47.4060, 56.2004,
102.9569

47.4060, 56.2004,
102.9569

367.0547,
410.4463, 590.9592

33.5660, 40.3636,
78.1417

85.5344, 99.2975,
167.3019

22.7217, 27.8222,
57.6732

110.5535,
127.3267, 207.6688

14.5077, 18.1916,
41.1330

140.0297,
160.1887, 254.0567

8.5587, 11.0877,
28.1026

174.3284,
198.2680, 306.8840

4.5093, 6.1258,
18.1633

213.8149,
241.9491, 366.5694

1.9941, 2.9217,
10.8966

258.8545,

0.6306, 1.0910,

291.6162, 433.5314

5.8841

309.8127,
347.6538, 508.1884

■ 0.0000, 0.0000,
2.7071

■ 0.0000, 0.0000,
0.9470

■ 47.4060, 56.2004,
102.9569

■ 47.4060, 56.2004,
102.9569

■ 42.6959, 50.8819,
102.1786

■ 53.1371, 62.1992,
103.8128

■ 38.9202, 46.1934,
101.4727

■ 59.9567, 68.9119,
104.7490

■ 35.9848, 42.0853,
100.8344

■ 67.9315, 76.3763,
105.7695

■ 33.7706, 38.4938,
100.2579

■ 77.1217, 84.6252,
106.8773

■ 33.0979, 37.3158,
100.0660

■ 87.5827, 93.6896,
108.0755

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.



42.7366, 56.2004, 84.8798



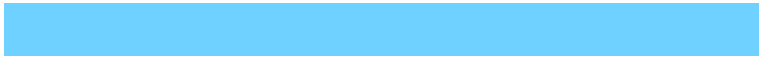
47.4060, 56.2004, 102.9569



54.0750, 56.2004, 109.1519

Triad

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



47.4060, 56.2004, 102.9569



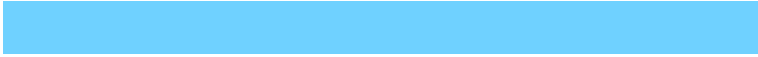
68.2488, 56.2004, 59.3345



46.3652, 56.2004, 33.8449

Complementary

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



47.4060, 56.2004, 102.9569



56.1673, 46.5233, 21.0606

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.



52.7640, 56.2004, 29.8545



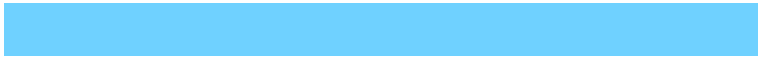
47.4060, 56.2004, 102.9569



65.7428, 56.2004, 42.3815

Square

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



47.4060, 56.2004, 102.9569



66.4985, 56.2004, 80.8994



59.9153, 56.2004, 32.5957



42.1742, 56.2004, 44.9782

Rectangle

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



47.4060, 56.2004, 102.9569



58.8733, 56.2004, 104.8020



59.9153, 56.2004, 32.5957



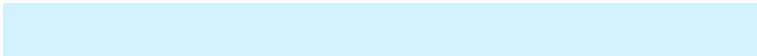
48.3083, 56.2004, 31.7511

Sweetspot

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



47.4077, 56.2024, 102.9572



76.6010, 84.1659, 106.8161



48.3686, 77.3208, 44.0969



15.9820, 17.6483, 22.8141



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.



47.4077, 56.2024, 102.9572



42.0589, 50.1237, 102.0658



33.6099, 28.6069, 98.3580



18.0369, 19.4454, 23.0526



17.4351, 19.7797, 52.3335



1.7963, 2.1233, 5.1284

Inverse Universe

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



58.4342, 37.2341, 64.4306



54.6069, 31.3863, 57.5844



72.0188, 78.2261, 26.3444



18.5313, 18.1958, 21.4148



25.5886, 12.7247, 22.2819



2.5413, 1.2589, 2.4318

Previews

White Background



This preview shows how the XYZ color 47.4060, 56.2004, 102.9569 looks on a white background.

Color Contrast Check

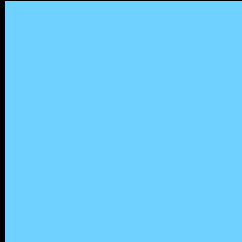
Large Text (above 18pt) WCAG AA × Fail

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 47.4060, 56.2004, 102.9569 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

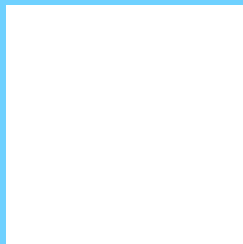
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4060, 56.2004, 102.9569

Background



This preview shows how black text looks on a background with the XYZ color 47.4060, 56.2004, 102.9569.

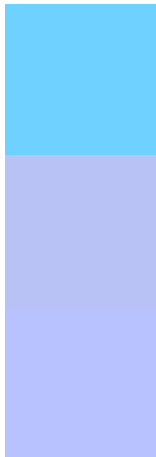


This preview shows how white text looks on a background with the XYZ color 47.4060, 56.2004,

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

47.4060, 56.2004, 102.9569

Protanopia

55.5404, 55.3665, 94.1457

Deuteranopia

56.8702, 55.8709, 102.3945



Tritanopia

43.5849, 56.1247, 84.1373

Trichromacy



Original Color

47.4060, 56.2004, 102.9569

Protanomaly

51.4269, 54.8545, 97.5000

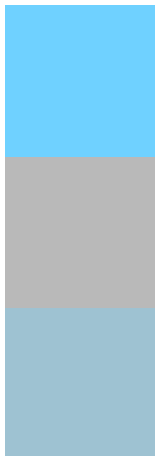
Deuteranomaly

52.3781, 55.2349, 102.5085

Tritanomaly

45.0974, 56.3815, 90.9439

Monochromacy



Original Color

47.4060, 56.2004, 102.9569

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.0252, 50.5058, 68.3483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4060, 56.2004, 102.9569 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(111, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 209, 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(111, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 47.4060, 56.2004, 102.9569 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(111, 209, 255) }
```


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

```
.border{ border-color:rgb(111, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4060, 56.2004, 102.9569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 209, 255) }
```

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

```
.background{ background-color: rgb(111,  
209, 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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