

Converting Colors

XYZ(63.4361, 56.3503,
203.6642)

Have a look what the booklet for
XYZ(63.4361, 56.3503, 203.6642)
contains.

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Color

**XYZ(44.1021, 48.6323,
101.6703)**

Conversions

Conversions Part 1

Format	Color
Hex	74C0FF
RGB	116, 192, 255
RGB Percent	45%, 75%, 100%
CMY	0.5451, 0.2470, 0.0000
CMYK	0.55, 0.25, 0.00, 0.00
HSL	207°, 100%, 73%
HSV	207°, 55%, 100%
XYZ	44.1021, 48.6323, 101.6703
YIQ	176.4580, -65.5190, 3.4810

Conversions

Conversions Part 2

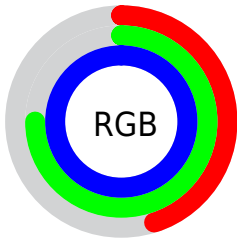
Format	Color
RYB	116, 165, 255
Decimal	7651583
CIELab	75.22, -6.11, -38.20
CIELCh	75, 38.689, 260.914
Yxy	48.6323, 0.2269, 0.2502
Android (android.graphics.Color)	4285841663 (0xFF74C0FF)
YUV	176.4580, 38.7212, -53.0217
Hunter-Lab	69.7369, -9.1548, -37.6239

Details

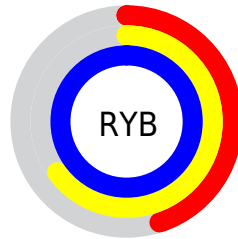
The XYZ color **44.1021, 48.6323, 101.6703** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.5136, 54.7628, 23.9059**, and the grayscale version is **41.3360, 43.4887, 47.3592**.

A 20% lighter version of the original color is **69.5219, 83.5849, 107.0771**, and **20.7411, 23.2206, 56.8149** is the 20% darker color. If you saturate the color by 10%, you get **38.7272, 42.2417, 100.7201**, and if you desaturate by 10%, it is **50.6094, 55.9043, 102.7310**.

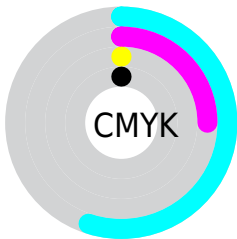
Distribution



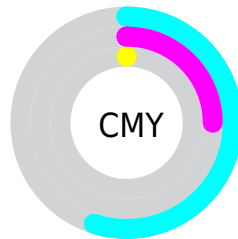
- Red (45%)
- Green (75%)
- Blue (100%)



- Red (45%)
- Yellow (65%)
- Blue (100%)



- Cyan (55%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1021, 48.6323, 101.6703 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 44.1021, 48.6323, 101.6703 by changing the saturation by 10% instead.

■ 44.1021, 48.6323,
101.6703

■ 44.1021, 48.6323,
101.6703

353.9699,
381.2930, 586.8270

■ 30.9490, 34.3279,
77.0716

■ 80.6168, 88.1451,
165.5225

■ 20.7117, 23.1456,
56.7997

■ 104.7091,
114.1223, 205.6131

■ 13.0247, 14.7011,
40.4362

■ 133.1785,
144.7591, 251.7047

■ 7.5227, 8.6099,
27.5624

166.3904,
180.4401, 304.2159

■ 3.8403, 4.4876,
17.7599

204.7101,
221.5496, 363.5651

■ 1.6122, 1.9499,
10.6101

248.5031,

■ 0.4003, 0.5781,

268.4720, 430.1710

5.6944

298.1346,
321.5916, 504.4522

■ 0.0000, 0.0000,
2.5944

■ 0.0000, 0.0000,
0.8896

■ 44.1021, 48.6323,
101.6703

■ 44.1021, 48.6323,
101.6703

■ 38.7272, 42.2417,
100.7201

■ 50.6094, 55.9043,
102.7310

■ 34.3975, 36.6782,
99.8744

■ 58.3183, 64.0972,
103.9060

■ 31.0189, 31.8871,
99.1277

■ 67.2972, 73.2536,
105.2002

■ 28.4751, 27.8011,
98.4731

■ 77.6079, 83.4114,
106.6174

■ 27.3442, 25.8083,
98.1481

■ 89.3079, 94.6062,
108.1615

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.



38.1435, 48.6323, 89.4435



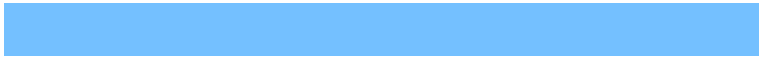
44.1021, 48.6323, 101.6703



51.2672, 48.6323, 98.4847

Triad

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



44.1021, 48.6323, 101.6703



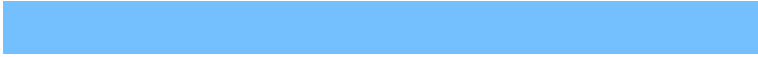
60.1765, 48.6323, 40.1923



36.4210, 48.6323, 31.9384

Complementary

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



44.1021, 48.6323, 101.6703



60.5136, 54.7628, 23.9059

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.



41.5220, 48.6323, 24.1951



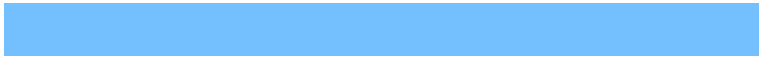
44.1021, 48.6323, 101.6703



55.3710, 48.6323, 28.0437

Square

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



44.1021, 48.6323, 101.6703



61.0483, 48.6323, 59.3662



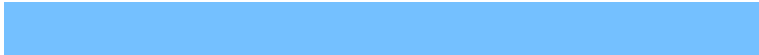
48.4119, 48.6323, 22.9797



34.0169, 48.6323, 47.0179

Rectangle

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



44.1021, 48.6323, 101.6703



55.7478, 48.6323, 88.3121



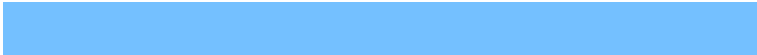
48.4119, 48.6323, 22.9797



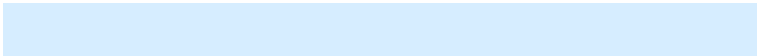
37.8509, 48.6323, 28.5714

Sweetspot

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



44.1036, 48.6340, 101.6705



75.9819, 81.8300, 106.3978



51.0549, 78.4701, 54.8669



15.7941, 17.0563, 22.7097



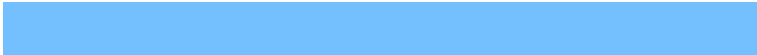
0.0000, 0.0000, 0.0000



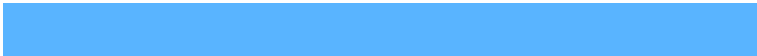
20.3446, 21.4041, 23.3091

Same Dimension

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



44.1036, 48.6340, 101.6705



38.4900, 41.9486, 100.6760



32.3309, 25.0885, 97.7463



17.8262, 19.0240, 22.9824



14.4392, 13.7880, 51.3349



1.5151, 1.5609, 5.0347

Inverse Universe

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



57.0009, 37.5582, 54.1160



53.0588, 31.7367, 46.4429



77.9757, 89.6869, 29.7266



18.4249, 18.1533, 20.8547



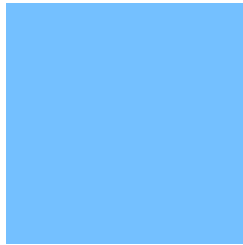
24.0764, 12.1199, 14.3189



2.3994, 1.2021, 1.6845

Previews

White Background



This preview shows how the XYZ color 44.1021, 48.6323, 101.6703 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 44.1021, 48.6323, 101.6703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

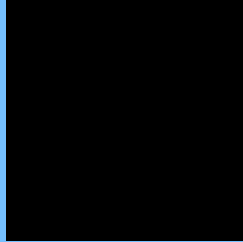
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

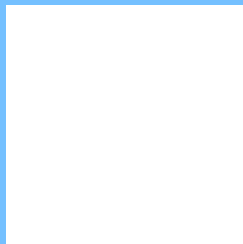
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.1021, 48.6323, 101.6703

Background



This preview shows how black text looks on a background with the XYZ color 44.1021, 48.6323, 101.6703.



This preview shows how white text looks on a background with the XYZ color 44.1021, 48.6323,

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

44.1021, 48.6323, 101.6703

Protanopia

49.2423, 48.2783, 94.7190

Deuteranopia

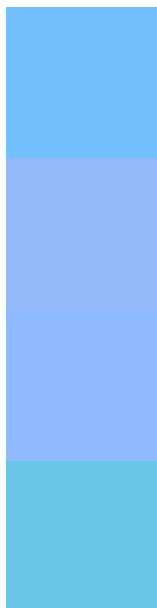
49.2752, 48.1495, 101.3044



Tritanopia

38.0560, 48.5198, 71.6495

Trichromacy



Original Color

44.1021, 48.6323, 101.6703

Protanomaly

47.0270, 48.3158, 97.2898

Deuteranomaly

47.1105, 48.2671, 101.4412

Tritanomaly

39.9667, 48.2572, 82.0710

Monochromacy



Original Color

44.1021, 48.6323, 101.6703

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.0738, 44.7337, 64.2273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1021, 48.6323, 101.6703 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(116, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(116, 192, 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(116, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 44.1021, 48.6323, 101.6703 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(116, 192, 255) }
```


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

```
.border{ border-color:rgb(116, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 192, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 192, 255); box-shadow:4px 4px 4px 4px rgb(116, 192, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1021, 48.6323, 101.6703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 192, 255) }
```

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

```
.background{ background-color: rgb(116,  
192, 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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