

Converting Colors

XYZ(41.6025, 45.1371,
101.1274)

Have a look what the booklet for
XYZ(41.6025, 45.1371, 101.1274)
contains.

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Color

**XYZ(41.5833, 45.1061,
101.1224)**

Conversions

Conversions Part 1

Format	Color
Hex	6CB9FF
RGB	108, 185, 255
RGB Percent	42%, 73%, 100%
CMY	0.5764, 0.2745, 0.0000
CMYK	0.58, 0.27, 0.00, 0.00
HSL	209°, 100%, 71%
HSV	209°, 58%, 100%
XYZ	41.5833, 45.1061, 101.1224
YIQ	169.9570, -68.3620, 5.4460

Conversions

Conversions Part 2

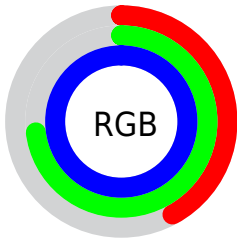
Format	Color
RYB	108, 159, 255
Decimal	7125503
CIELab	72.96, -3.88, -41.75
CIELCh	73, 41.929, 264.689
Yxy	45.1061, 0.2214, 0.2402
Android (android.graphics.Color)	4285315583 (0xFF6CB9FF)
YUV	169.9570, 41.9262, -54.3363
Hunter-Lab	67.1611, -7.0122, -42.2584

Details

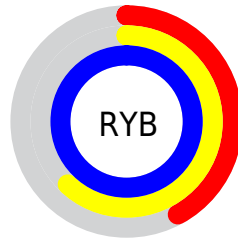
The XYZ color **41.5833, 45.1061, 101.1224** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.8685, 54.1855, 21.4928**, and the grayscale version is **38.0108, 39.9904, 43.5495**.

A 20% lighter version of the original color is **65.8675, 78.5656, 106.3008**, and **19.1719, 20.9548, 56.4603** is the 20% darker color. If you saturate the color by 10%, you get **36.4906, 38.8700, 100.1871**, and if you desaturate by 10%, it is **47.8025, 52.2466, 102.1729**.

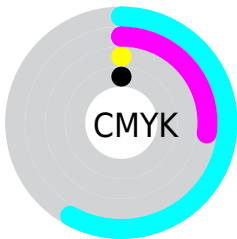
Distribution



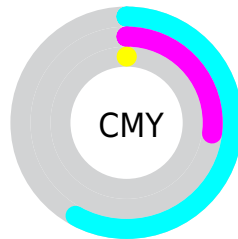
- Red (42%)
- Green (73%)
- Blue (100%)



- Red (42%)
- Yellow (62%)
- Blue (100%)



- Cyan (58%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5833, 45.1061, 101.1224 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 41.5833, 45.1061, 101.1224 by changing the saturation by 10% instead.

■ 41.5833, 45.1061,
101.1224

■ 41.5833, 45.1061,
101.1224

343.7737,
367.2031, 585.0626

■ 28.9648, 31.5410,
76.6161

■ 76.8377, 82.8796,
164.7641

■ 19.1984, 21.0112,
56.4282

■ 100.2043,
107.8568, 204.7366

■ 11.9186, 13.1322,
40.1400

■ 127.8844,
137.4068, 250.7015

■ 6.7600, 7.5196,
27.3331

160.2433,
171.9141, 303.0775

■ 3.3575, 3.7891,
17.5889

197.6463,
211.7629, 362.2831

■ 1.3455, 1.5563,
10.4889

240.4588,

■ 0.2169, 0.3279,

257.3378, 428.7368

5.6145

289.0462,
309.0230, 502.8571

■ 0.0000, 0.0000,
2.5471

■ 0.0000, 0.0000,
0.8650

■ 41.5833, 45.1061,
101.1224

■ 41.5833, 45.1061,
101.1224

■ 36.4906, 38.8700,
100.1871

■ 47.8025, 52.2466,
102.1729

■ 32.4332, 33.4809,
99.3608

■ 55.2209, 60.3344,
103.3430

■ 29.3106, 28.8795,
98.6372

■ 63.9095, 69.4142,
104.6376

■ 26.9901, 24.9886,
98.0085

■ 73.9323, 79.5264,
106.0612

■ 26.5158, 24.1516,
97.8719

■ 85.3486, 90.7085,
107.6179

95.0500, 100.0000,
108.9000

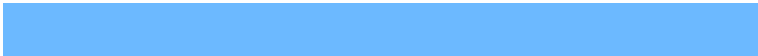
Harmonies

Analogous

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



35.2460, 45.1061, 89.8560



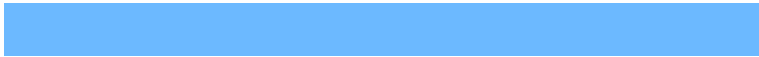
41.5833, 45.1061, 101.1224



49.0184, 45.1061, 95.5494

Triad

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



41.5833, 45.1061, 101.1224



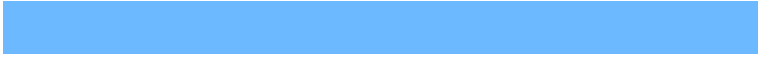
56.9614, 45.1061, 34.1377



32.3895, 45.1061, 29.3170

Complementary

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



41.5833, 45.1061, 101.1224



59.8685, 54.1855, 21.4928

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.



37.2621, 45.1061, 20.8547



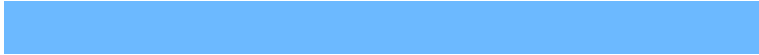
41.5833, 45.1061, 101.1224



51.5255, 45.1061, 23.0327

Square

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



41.5833, 45.1061, 101.1224



58.4549, 45.1061, 52.9364



44.1870, 45.1061, 18.9346



30.3382, 45.1061, 45.4781

Rectangle

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



41.5833, 45.1061, 101.1224



53.5421, 45.1061, 83.6723



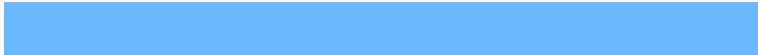
44.1870, 45.1061, 18.9346



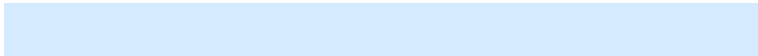
33.7229, 45.1061, 25.6831

Sweetspot

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



41.5847, 45.1076, 101.1226



74.6251, 80.2142, 106.1575



49.8416, 77.8671, 53.7912



15.5145, 16.7132, 22.6582



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.



41.5847, 45.1076, 101.1226



35.8818, 38.0909, 100.0688



30.1300, 22.1981, 97.3044



17.7904, 18.9524, 22.9705



14.0057, 12.9210, 51.1904



1.4731, 1.4770, 5.0207

Inverse Universe

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



55.3606, 35.4895, 49.8327



51.4106, 29.8076, 41.6786



78.1639, 90.7764, 27.5913



18.4069, 18.1461, 20.7596



23.8576, 12.0324, 13.1667



2.3782, 1.1936, 1.5729

Previews

White Background



This preview shows how the XYZ color 41.5833, 45.1061, 101.1224 looks on a white background.

Color Contrast Check

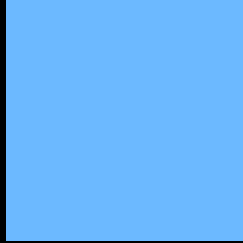
Large Text (above 18pt) WCAG AA × Fail

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 41.5833, 45.1061, 101.1224 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

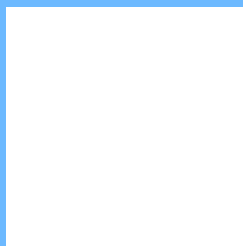
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5833, 45.1061, 101.1224

Background



This preview shows how black text looks on a background with the XYZ color 41.5833, 45.1061, 101.1224.



This preview shows how white text looks on a background with the XYZ color 41.5833, 45.1061,

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

41.5833, 45.1061, 101.1224

Protanopia

46.1789, 44.8959, 95.0388

Deuteranopia

45.9849, 44.9602, 100.8623



Tritanopia

34.9202, 45.3109, 67.2270

Trichromacy



Original Color

41.5833, 45.1061, 101.1224

Protanomaly

44.1801, 44.6942, 97.5651

Deuteranomaly

44.0441, 44.8491, 100.9431

Tritanomaly

37.1821, 45.2394, 78.7239

Monochromacy



Original Color

41.5833, 45.1061, 101.1224

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.9052, 41.0800, 61.1898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5833, 45.1061, 101.1224 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(108, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(108, 185, 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(108, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 185, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.5833, 45.1061, 101.1224 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(108, 185, 255) }
```


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

```
.border{ border-color:rgb(108, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(108, 185,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5833, 45.1061, 101.1224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 185, 255) }
```

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

```
.background{ background-color: rgb(108,  
185, 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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