

Converting Colors

XYZ(46.2278, 45.0978, 99.6311)

Have a look what the booklet for
XYZ(46.2278, 45.0978, 99.6311)
contains.

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Color

**XYZ(46.3740, 45.1793,
100.0422)**

Conversions

Conversions Part 1

Format	Color
Hex	97B1FE
RGB	151, 177, 254
RGB Percent	59%, 69%, 100%
CMY	0.4078, 0.3059, 0.0039
CMYK	0.41, 0.30, 0.00, 0.00
HSL	225°, 98%, 79%
HSV	225°, 41%, 100%
XYZ	46.3740, 45.1793, 100.0422
YIQ	178.0040, -40.2130, 18.4350

Conversions

Conversions Part 2

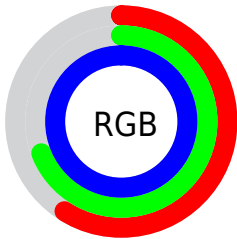
Format	Color
RYB	151, 172, 254
Decimal	9941502
CIELab	73.01, 9.96, -40.97
CIElCh	73, 42.162, 283.666
Yxy	45.1793, 0.2420, 0.2358
Android (android.graphics.Color)	4288131582 (0xFF97B1FE)
YUV	178.0040, 37.4660, -23.6825
Hunter-Lab	67.2155, 5.5252, -41.1951

Details

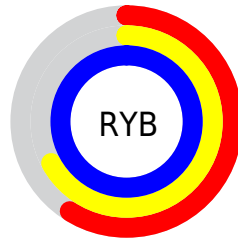
The XYZ color **46.3740, 45.1793, 100.0422** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **74.2038, 78.7937, 40.5778**, and the grayscale version is **42.1437, 44.3385, 48.2846**.

A 20% lighter version of the original color is **72.9190, 78.3431, 105.8862**, and **22.1310, 21.1313, 55.7357** is the 20% darker color. If you saturate the color by 10%, you get **38.6648, 36.0200, 98.6814**, and if you desaturate by 10%, it is **55.6237, 55.9092, 101.6266**.

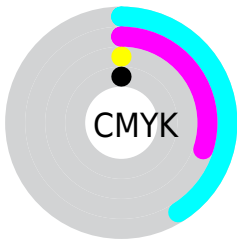
Distribution



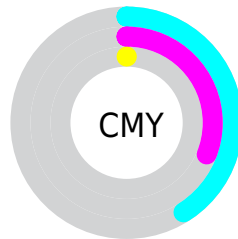
- Red (59%)
- Green (69%)
- Blue (100%)



- Red (59%)
- Yellow (67%)
- Blue (100%)



- Cyan (41%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3740, 45.1793, 100.0422 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 46.3740, 45.1793, 100.0422 by changing the saturation by 10% instead.

■ 46.3740, 45.1793,
100.0422

■ 46.3740, 45.1793,
100.0422

363.0010,
367.4992, 581.5758

■ 32.7469, 31.5987,
75.7187

■ 84.0029, 82.9894,
163.2676

■ 22.0909, 21.0551,
55.6966

■ 108.7354,
107.9877, 203.0065

■ 14.0407, 13.1643,
39.5574

137.9005,
137.5606, 248.7210

■ 8.2309, 7.5418,
26.8824

171.8634,
172.0926, 300.8296

■ 4.2961, 3.8032,
17.2533

210.9895,
211.9681, 359.7508

■ 1.8710, 1.5641,
10.2514

255.6443,

■ 0.5599, 0.3332,

257.5714, 425.9032

5.4582

306.1930,
309.2870, 499.7054

■ 0.0000, 0.0000,
2.4551

■ 0.0000, 0.0000,
0.8162

■ 46.3740, 45.1793,
100.0422

■ 46.3740, 45.1793,
100.0422

■ 38.6648, 36.0200,
98.6814

■ 55.6237, 55.9092,
101.6266

■ 32.4040, 28.3495,
97.5309

■ 66.4892, 68.2759,
103.4409

■ 27.4968, 22.0857,
96.5805

■ 79.0466, 82.3478,
105.4953

■ 23.8341, 17.1357,
95.8181

■ 93.3657, 98.1880,
107.7980

■ 21.2881, 13.3937,
95.2300

94.8895, 99.9358,
108.0551

■ 19.7294, 10.8356,
94.8184

Harmonies

Analogous

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



39.0820, 45.1793, 99.2602



46.3740, 45.1793, 100.0422



53.4768, 45.1793, 84.7361

Triad

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



46.3740, 45.1793, 100.0422



54.0180, 45.1793, 26.1728



30.7383, 45.1793, 38.6485

Complementary

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



46.3740, 45.1793, 100.0422



74.2038, 78.7937, 40.5778

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.



33.8897, 45.1793, 25.3063



46.3740, 45.1793, 100.0422



47.0473, 45.1793, 19.6409

Square

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



46.3740, 45.1793, 100.0422



58.2189, 45.1793, 40.2216



39.6828, 45.1793, 19.3772



30.6020, 45.1793, 59.4072

Rectangle

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



46.3740, 45.1793, 100.0422



56.9201, 45.1793, 69.4590



39.6828, 45.1793, 19.3772



31.4623, 45.1793, 33.3100

Sweetspot

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



46.3756, 45.1810, 100.0433



77.8061, 80.9144, 106.1250



62.0065, 82.9844, 85.0867



16.2853, 16.9078, 22.6551



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.



46.3756, 45.1810, 100.0433



40.1118, 37.6662, 99.7639



46.6444, 38.4087, 98.7219



17.3755, 18.1227, 22.8322



10.4998, 5.9091, 50.0218



1.1050, 0.7406, 4.8980

Inverse Universe

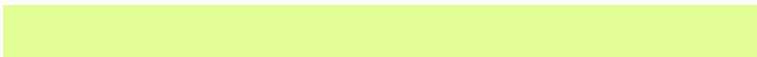
The Inverse Universe completely reimagines the original color for something new.



59.8768, 46.3801, 47.3929



55.7145, 39.8326, 38.7436



73.6514, 89.9365, 42.7577



18.1975, 18.0623, 19.6569



22.0880, 11.3245, 3.8479



2.1923, 1.1193, 0.5943

Previews

White Background



This preview shows how the XYZ color 46.3740, 45.1793, 100.0422 looks on a white background.

Color Contrast Check

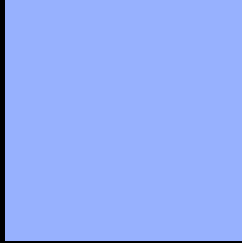
Large Text (above 18pt) WCAG AA × Fail

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 46.3740, 45.1793, 100.0422 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 46.3740, 45.1793, 100.0422

Background



This preview shows how black text looks on a background with the XYZ color 46.3740, 45.1793, 100.0422.



This preview shows how white text looks on a background with the XYZ color 46.3740, 45.1793,

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

46.3740, 45.1793, 100.0422

Protanopia

46.7725, 45.1111, 99.1706

Deuteranopia

46.3740, 45.1793, 100.0422



Tritanopia

38.9122, 45.2082, 62.5523

Trichromacy



Original Color

46.3740, 45.1793, 100.0422

Protanomaly

46.5814, 45.0125, 99.1617

Deuteranomaly

46.3740, 45.1793, 100.0422

Tritanomaly

41.3123, 44.9271, 74.9010

Monochromacy



Original Color

46.3740, 45.1793, 100.0422

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.2094, 44.6219, 64.7280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3740, 45.1793, 100.0422 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(151, 177, 254)` looks like.

```
.text, #text, p{  
    color:rgb(151, 177, 254)  
}
```

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(151, 177, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 177, 254) }
```

Border

The CSS property to change the border of an element to XYZ 46.3740, 45.1793, 100.0422 is called "border". The border property can be set on classes, ids or directly on the HTML element.

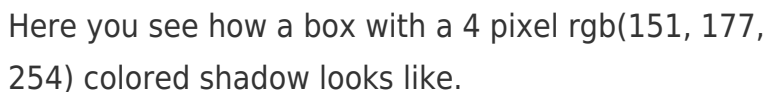
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 177, 254) }
```


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

```
.border{ border-color:rgb(151, 177, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 177, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 177, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 177, 254); box-shadow:4px 4px 4px 4px rgb(151, 177, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3740, 45.1793, 100.0422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 177, 254) }
```

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

```
.background{ background-color: rgb(151,  
177, 254) }
```

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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