

Converting Colors

XYZ(46.4491, 45.1644, 99.8573)

Have a look what the booklet for
XYZ(46.4491, 45.1644, 99.8573)
contains.

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Color

**XYZ(46.5604, 45.2754,
100.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	98B1FE
RGB	152, 177, 254
RGB Percent	60%, 69%, 100%
CMY	0.4039, 0.3059, 0.0039
CMYK	0.40, 0.30, 0.00, 0.00
HSL	225°, 98%, 80%
HSV	225°, 40%, 100%
XYZ	46.5604, 45.2754, 100.0510
YIQ	178.3030, -39.6170, 18.6470

Conversions

Conversions Part 2

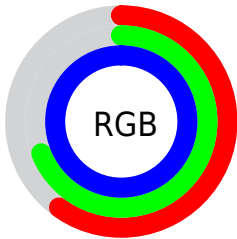
Format	Color
RYB	152, 172, 254
Decimal	10007038
CIELab	73.07, 10.22, -40.87
CIELCh	73, 42.123, 284.036
Yxy	45.2754, 0.2426, 0.2359
Android (android.graphics.Color)	4288197118 (0xFF98B1FE)
YUV	178.3030, 37.3186, -23.0677
Hunter-Lab	67.2870, 5.7639, -41.0591

Details

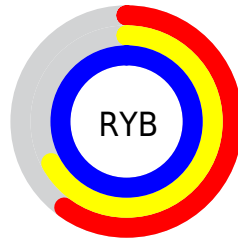
The XYZ color **46.5604, 45.2754, 100.0510** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **74.5613, 79.3782, 41.0994**, and the grayscale version is **42.3022, 44.5052, 48.4661**.

A 20% lighter version of the original color is **73.2011, 78.4885, 105.8994**, and **22.2355, 21.1852, 55.7405** is the 20% darker color. If you saturate the color by 10%, you get **38.7807, 36.0327, 98.6778**, and if you desaturate by 10%, it is **55.8933, 56.1106, 101.6513**.

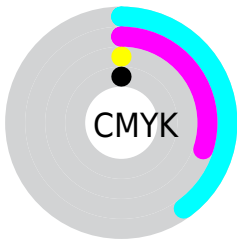
Distribution



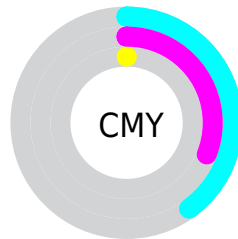
- Red (60%)
- Green (69%)
- Blue (100%)



- Red (60%)
- Yellow (67%)
- Blue (100%)



- Cyan (40%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.5604, 45.2754, 100.0510 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 46.5604, 45.2754, 100.0510 by changing the saturation by 10% instead.

■ 46.5604, 45.2754,
100.0510

■ 46.5604, 45.2754,
100.0510

363.7354,
367.8878, 581.6042

■ 32.8948, 31.6744,
75.7260

■ 84.2798, 83.1335,
163.2798

■ 22.2047, 21.1129,
55.7026

■ 109.0643,
108.1594, 203.0206

■ 14.1248, 13.2066,
39.5621

138.2858,
137.7625, 248.7371

■ 8.2898, 7.5709,
26.8861

172.3096,
172.3270, 300.8479

■ 4.3343, 3.8217,
17.2560

211.5011,
212.2374, 359.7715

■ 1.8929, 1.5743,
10.2533

256.2256,

■ 0.5727, 0.3402,

257.8780, 425.9264

5.4594

306.8486,
309.6334, 499.7311

■ 0.0000, 0.0000,
2.4559

■ 0.0000, 0.0000,
0.8166

■ 46.5604, 45.2754,
100.0510

■ 46.5604, 45.2754,
100.0510

■ 38.7807, 36.0327,
98.6778

■ 55.8933, 56.1106,
101.6513

■ 32.4618, 28.2994,
97.5182

■ 66.8553, 68.6055,
103.4853

■ 27.5085, 21.9922,
96.5619

■ 79.5226, 82.8296,
105.5632

■ 23.8113, 17.0170,
95.7964

■ 93.9654, 98.8467,
107.8936

■ 21.2426, 13.2666,
95.2079

94.8896, 99.9358,
108.0551

■ 19.6260, 10.6287,
94.7840

Harmonies

Analogous

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



39.2538, 45.2754, 99.4860



46.5604, 45.2754, 100.0510



53.6484, 45.2754, 84.5871

Triad

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



46.5604, 45.2754, 100.0510



54.0396, 45.2754, 26.1347



30.8011, 45.2754, 38.9613

Complementary

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



46.5604, 45.2754, 100.0510



74.5613, 79.3782, 41.0994

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.



33.9191, 45.2754, 25.5077



46.5604, 45.2754, 100.0510



47.0471, 45.2754, 19.6777

Square

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



46.5604, 45.2754, 100.0510



58.2884, 45.2754, 40.0988



39.6882, 45.2754, 19.4868



30.7026, 45.2754, 59.8046

Rectangle

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



46.5604, 45.2754, 100.0510



57.0647, 45.2754, 69.2743



39.6882, 45.2754, 19.4868



31.5134, 45.2754, 33.5852

Sweetspot

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



46.5620, 45.2771, 100.0521



77.7430, 80.7881, 106.1039



62.4652, 83.1895, 86.5295



16.2705, 16.8782, 22.6502



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.



46.5620, 45.2771, 100.0521



40.6860, 38.2263, 99.8418



47.3649, 39.0201, 98.8020



17.3646, 18.1007, 22.8285



10.4430, 5.7956, 50.0028



1.0981, 0.7269, 4.8957

Inverse Universe

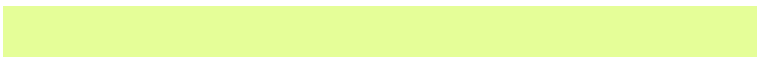
The Inverse Universe completely reimagines the original color for something new.



60.0385, 46.7034, 47.4468



56.1479, 40.5557, 39.3311



73.2644, 89.7276, 43.1654



18.1919, 18.0601, 19.6277



22.0593, 11.3130, 3.6970



2.1889, 1.1179, 0.5760

Previews

White Background



This preview shows how the XYZ color 46.5604, 45.2754, 100.0510 looks on a white background.

Color Contrast Check

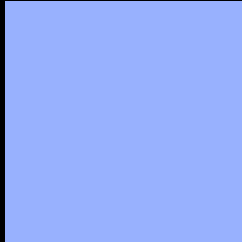
Large Text (above 18pt) WCAG AA × Fail

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 46.5604, 45.2754, 100.0510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

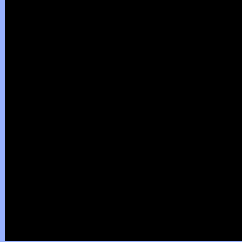
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5604, 45.2754, 100.0510

Background



This preview shows how black text looks on a background with the XYZ color 46.5604, 45.2754, 100.0510.



This preview shows how white text looks on a background with the XYZ color 46.5604, 45.2754,

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

46.5604, 45.2754, 100.0510

Protanopia

46.7725, 45.1111, 99.1706

Deuteranopia

46.3740, 45.1793, 100.0422



Tritanopia

39.0785, 45.2939, 62.5601

Trichromacy



Original Color

46.5604, 45.2754, 100.0510

Protanomaly

46.5814, 45.0125, 99.1617

Deuteranomaly

46.3740, 45.1793, 100.0422

Tritanomaly

41.4862, 45.0167, 74.9092

Monochromacy



Original Color

46.5604, 45.2754, 100.0510

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.4232, 44.7320, 64.7380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5604, 45.2754, 100.0510 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(152, 177, 254)` looks like.

```
.text, #text, p{  
    color:rgb(152, 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(152, 177, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 177, 254) }
```

Border

The CSS property to change the border of an element to XYZ 46.5604, 45.2754, 100.0510 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(152, 177, 254) }
```


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

```
.border{ border-color:rgb(152, 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(152, 177, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 177, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 177, 254);  
box-shadow:4px 4px 4px 4px rgb(152, 177,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5604, 45.2754, 100.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 177, 254) }
```

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

```
.background{ background-color: rgb(152,  
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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