

Converting Colors

XYZ(47.5473, 46.3687, 93.7560)

Have a look what the booklet for
XYZ(47.5473, 46.3687, 93.7560)
contains.

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Color

**XYZ(47.6549, 46.5754,
93.6670)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A2B3F6 |
| RGB | 162, 179, 246 |
| RGB Percent | 64%, 70%, 96% |
| CMY | 0.3647, 0.2980, 0.0353 |
| CMYK | 0.34, 0.27, 0.00, 0.04 |
| HSL | 228°, 82%, 80% |
| HSV | 228°, 34%, 96% |
| XYZ | 47.6549, 46.5754, 93.6670 |
| YIQ | 181.5550, -31.6390, 17.2330 |

Conversions

Conversions Part 2

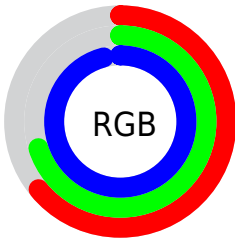
| Format | Color |
|-------------------------------------|--|
| RYB | 162, 176, 246 |
| Decimal | 10662902 |
| CIELab | 73.92, 9.64, -35.18 |
| CIELCh | 74, 36.479, 285.324 |
| Yxy | 46.5754, 0.2536, 0.2479 |
| Android (android.graphics.Color) | 4288852982 (0xFFA2B3F6) |
| YUV | 181.5550, 31.7714, -17.1497 |
| Hunter-Lab | 68.2462, 5.2121, -33.6024 |

Details

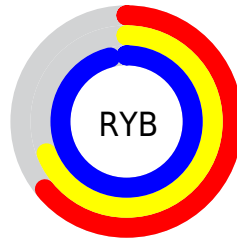
The XYZ color **47.6549, 46.5754, 93.6670** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **72.5479, 78.2410, 45.4624**, and the grayscale version is **44.0682, 46.3632, 50.4895**.

A 20% lighter version of the original color is **76.9717, 81.6967, 106.3199**, and **22.8381, 21.9787, 51.1827** is the 20% darker color. If you saturate the color by 10%, you get **39.4814, 36.9343, 92.2377**, and if you desaturate by 10%, it is **57.3686, 57.8431, 95.3308**.

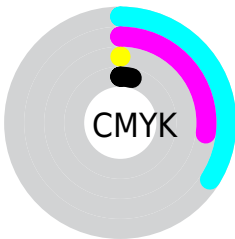
Distribution



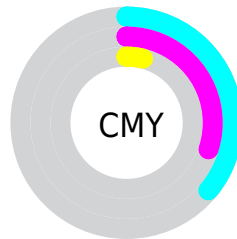
- Red (64%)
- Green (70%)
- Blue (96%)



- Red (64%)
- Yellow (69%)
- Blue (96%)



- Cyan (34%)
- Magenta (27%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (30%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6549, 46.5754, 93.6670 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 47.6549, 46.5754, 93.6670 by changing the saturation by 10% instead.

■ 47.6549, 46.5754,
93.6670

■ 47.6549, 46.5754,
93.6670

368.0280,
373.1171, 560.7636

■ 33.7638, 32.7001,
70.4353

■ 85.9032, 85.0795,
154.4014

■ 22.8742, 21.8968,
51.4025

■ 110.9910,
110.4771, 192.7412

■ 14.6208, 13.7811,
36.1501

140.5419,
140.4842, 236.9540

■ 8.6383, 7.9686,
24.2595

174.9210,
175.4853, 287.4585

■ 4.5612, 4.0748,
15.3123

214.4939,
215.8648, 344.6732

■ 2.0243, 1.7155,
8.8898

259.6257,

■ 0.6475, 0.4337,

262.0070, 409.0166

4.5735

310.6820,
314.2963, 480.9072

■ 0.0000, 0.0000,
1.9450

■ 0.0000, 0.0000,
0.5211

■ 47.6549, 46.5754,
93.6670

■ 47.6549, 46.5754,
93.6670

■ 39.4814, 36.9343,
92.2377

■ 57.3686, 57.8431,
95.3308

■ 32.7626, 28.8378,
91.0290

■ 68.6924, 70.8034,
97.2355

■ 27.4117, 22.2050,
90.0308

■ 81.6976, 85.5252,
99.3916

■ 23.3303, 16.9446,
89.2306

■ 93.6347, 99.4339,
101.4471

■ 20.4063, 12.9548,
88.6146

■ 18.5056, 10.1174,
88.1671

■ 17.7662, 8.9169,
87.9743

Harmonies

Analogous

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



41.1766, 46.5754, 93.8250



47.6549, 46.5754, 93.6670



53.7654, 46.5754, 80.2766

Triad

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



47.6549, 46.5754, 93.6670



53.6516, 46.5754, 29.2781



33.2439, 46.5754, 42.1730

Complementary

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



47.6549, 46.5754, 93.6670



72.5479, 78.2410, 45.4624

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.



35.9615, 46.5754, 29.4772



47.6549, 46.5754, 93.6670



47.5115, 46.5754, 23.3665

Square

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



47.6549, 46.5754, 93.6670



57.4515, 46.5754, 41.8278



41.0465, 46.5754, 23.4291



33.2742, 46.5754, 60.7743

Rectangle

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



47.6549, 46.5754, 93.6670



56.6262, 46.5754, 67.1744



41.0465, 46.5754, 23.4291



33.8537, 46.5754, 37.1874

Sweetspot

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



47.6565, 46.5772, 93.6681



80.1342, 83.1830, 106.4401



61.8331, 79.1843, 85.2796



16.7356, 17.3325, 22.7134



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.



47.6565, 46.5772, 93.6681



45.3890, 43.1034, 100.5353



49.7575, 42.9102, 92.8496



15.8528, 16.4698, 20.8860



9.5616, 4.9170, 46.9832



0.9103, 0.5719, 4.1527

Inverse Universe

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



59.0644, 48.6897, 48.9347



59.6272, 46.1802, 44.6043



69.6640, 84.0824, 46.7419



16.6363, 16.5374, 17.8311



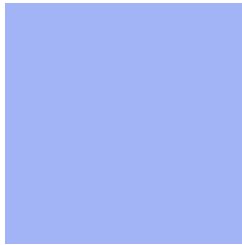
20.6308, 10.5957, 2.7641



1.8485, 0.9454, 0.4287

Previews

White Background



This preview shows how the XYZ color 47.6549, 46.5754, 93.6670 looks on a white background.

Color Contrast Check

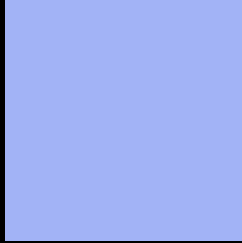
Large Text (above 18pt) WCAG AA × Fail

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 47.6549, 46.5754, 93.6670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

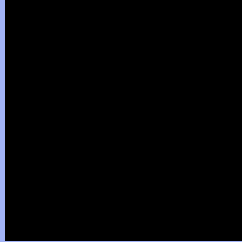
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6549, 46.5754, 93.6670

Background



This preview shows how black text looks on a background with the XYZ color 47.6549, 46.5754, 93.6670.



This preview shows how white text looks on a background with the XYZ color 47.6549, 46.5754,

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

47.6549, 46.5754, 93.6670

Protanopia

47.6549, 46.5754, 93.6670

Deuteranopia

47.6549, 46.5754, 93.6670



Tritanopia

41.3799, 46.4803, 62.6678

Trichromacy



Original Color

47.6549, 46.5754, 93.6670

Protanomaly

47.6549, 46.5754, 93.6670

Deuteranomaly

47.6549, 46.5754, 93.6670

Tritanomaly

43.5057, 46.4109, 72.9949

Monochromacy



Original Color

47.6549, 46.5754, 93.6670

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.2225, 46.5695, 64.3629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6549, 46.5754, 93.6670 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(162, 179, 246)` looks like.

```
.text, #text, p{  
    color:rgb(162, 179, 246)  
}
```

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(162, 179, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 179, 246) }
```

Border

The CSS property to change the border of an element to XYZ 47.6549, 46.5754, 93.6670 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(162, 179, 246) }
```


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

```
.border{ border-color:rgb(162, 179, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 179, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 179, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 179, 246);  
box-shadow:4px 4px 4px 4px rgb(162, 179,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6549, 46.5754, 93.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 179, 246) }
```

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

```
.background{ background-color: rgb(162,  
179, 246) }
```

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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