

Converting Colors

XYZ(46.9262, 44.6390, 93.7939)

Have a look what the booklet for
XYZ(46.9262, 44.6390, 93.7939)
contains.

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Color

**XYZ(47.0288, 44.7740,
94.1593)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A3AEF7 |
| RGB | 163, 174, 247 |
| RGB Percent | 64%, 68%, 97% |
| CMY | 0.3608, 0.3176, 0.0314 |
| CMYK | 0.34, 0.30, 0.00, 0.03 |
| HSL | 232°, 84%, 80% |
| HSV | 232°, 34%, 97% |
| XYZ | 47.0288, 44.7740, 94.1593 |
| YIQ | 179.0330, -29.9890, 20.3710 |

Conversions

Conversions Part 2

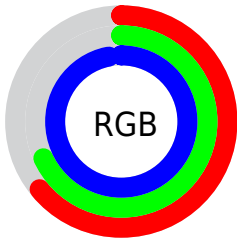
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 163, 173, 247 |
| Decimal | 10727159 |
| CIE Lab | 72.74, 12.96, -37.54 |
| CIE LCh | 73, 39.713, 289.041 |
| Yxy | 44.7740, 0.2529, 0.2408 |
| Android (android.graphics.Color) | 4288917239 (0xFFA3AEF7) |
| YUV | 179.0330, 33.5077, -14.0609 |
| Hunter-Lab | 66.9134, 8.3569, -36.5925 |

Details

The XYZ color **47.0288, 44.7740, 94.1593** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **74.9653, 82.4107, 46.6078**, and the grayscale version is **42.7051, 44.9291, 48.9278**.

A 20% lighter version of the original color is **75.5845, 78.4743, 105.7711**, and **22.4381, 20.8249, 51.5522** is the 20% darker color. If you saturate the color by 10%, you get **38.6359, 34.7760, 92.6727**, and if you desaturate by 10%, it is **57.0751, 56.6099, 95.9152**.

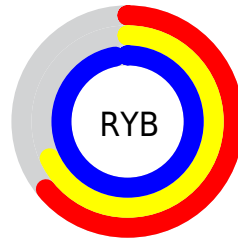
Distribution



Red (64%)

Green (68%)

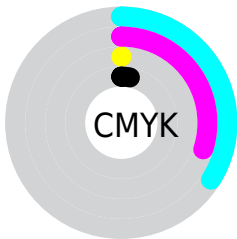
Blue (97%)



Red (64%)

Yellow (68%)

Blue (97%)

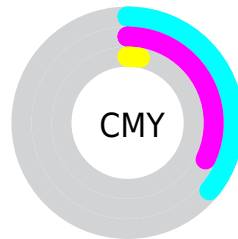


Cyan (34%)

Magenta (30%)

Yellow (0%)

Black (3%)



Cyan (36%)

Magenta (32%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0288, 44.7740, 94.1593 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 47.0288, 44.7740, 94.1593 by changing the saturation by 10% instead.

■ 47.0288, 44.7740,
94.1593

■ 47.0288, 44.7740,
94.1593

365.5765,
365.8575, 562.3855

■ 33.2665, 31.2795,
70.8424

■ 84.9751, 82.3812,
155.0882

■ 22.4909, 20.8117,
51.7326

■ 109.8898,
107.2626, 193.5373

■ 14.3366, 12.9865,
36.4112

139.2526,
136.7084, 237.8676

■ 8.4384, 7.4192,
24.4597

173.4289,
171.1030, 288.4976

■ 4.4309, 3.7256,
15.4597

212.7841,
210.8309, 345.8459

■ 1.9487, 1.5213,
8.9924

257.6835,

■ 0.6049, 0.3036,

256.2763, 410.3309

4.6395

308.4925,
307.8237, 482.3713

■ 0.0000, 0.0000,
1.9823

■ 0.0000, 0.0000,
0.5444

■ 47.0288, 44.7740,
94.1593

■ 47.0288, 44.7740,
94.1593

■ 38.6359, 34.7760,
92.6727

■ 57.0751, 56.6099,
95.9152

■ 31.8026, 26.5183,
91.4389

■ 68.8526, 70.3645,
97.9493

■ 26.4328, 19.9016,
90.4448

■ 82.4396, 86.1202,
100.2744

■ 22.4175, 14.8148,
89.6746

■ 93.7887, 99.4955,
102.2579

■ 19.6324, 11.1325,
89.1106

■ 17.9289, 8.7082,
88.7324

■ 17.3145, 7.7672,
88.5832

Harmonies

Analogous

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



40.0859, 44.7740, 96.3233



47.0288, 44.7740, 94.1593



53.3714, 44.7740, 78.1092

Triad

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



47.0288, 44.7740, 94.1593



51.8499, 44.7740, 25.3360



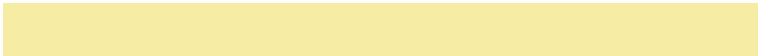
30.8246, 44.7740, 41.8850

Complementary

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



47.0288, 44.7740, 94.1593



74.9653, 82.4107, 46.6078

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.



33.3109, 44.7740, 27.8610



47.0288, 44.7740, 94.1593



45.1262, 44.7740, 20.1729

Square

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



47.0288, 44.7740, 94.1593



56.3558, 44.7740, 37.3858



38.3768, 44.7740, 20.9516



31.2162, 44.7740, 62.2141

Rectangle

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



47.0288, 44.7740, 94.1593



56.1730, 44.7740, 63.6295



38.3768, 44.7740, 20.9516



31.3398, 44.7740, 36.3944

Sweetspot

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



47.0303, 44.7757, 94.1604



79.6163, 82.1472, 106.2675



63.4776, 80.3537, 91.3699



16.6113, 17.0839, 22.6720



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.



47.0303, 44.7757, 94.1604



44.0113, 40.3482, 100.0761



52.0841, 44.3544, 93.8127



15.7561, 16.2764, 20.8538



9.2133, 4.2204, 46.8671



0.8637, 0.4789, 4.1371

Inverse Universe

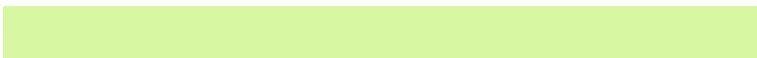
The Inverse Universe completely reimagines the original color for something new.



59.0963, 49.0262, 46.3943



58.9319, 45.9020, 40.9426



68.2509, 83.7964, 47.2292



16.5874, 16.5178, 17.5741



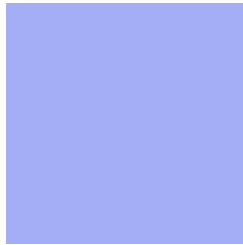
20.4550, 10.5254, 1.8383



1.8250, 0.9360, 0.3050

Previews

White Background



This preview shows how the XYZ color 47.0288, 44.7740, 94.1593 looks on a white background.

Color Contrast Check

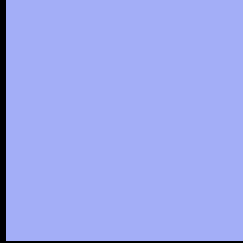
Large Text (above 18pt) WCAG AA × Fail

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 47.0288, 44.7740, 94.1593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

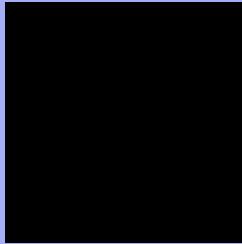
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0288, 44.7740, 94.1593

Background



This preview shows how black text looks on a background with the XYZ color 47.0288, 44.7740, 94.1593.



This preview shows how white text looks on a background with the XYZ color 47.0288, 44.7740,

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

47.0288, 44.7740, 94.1593

Protanopia

46.1789, 44.8959, 95.0388

Deuteranopia

46.0241, 44.8340, 94.2238



Tritanopia

40.0754, 44.6196, 59.9263

Trichromacy



Original Color

47.0288, 44.7740, 94.1593

Protanomaly

46.5713, 44.8082, 95.0012

Deuteranomaly

46.4165, 44.7463, 94.1862

Tritanomaly

42.4262, 44.6683, 71.3515

Monochromacy



Original Color

47.0288, 44.7740, 94.1593

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.8548, 44.6882, 63.4410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0288, 44.7740, 94.1593 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(163, 174, 247)` looks like.

```
.text, #text, p{  
    color:rgb(163, 174, 247)  
}
```

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(163, 174, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 174, 247) }
```

Border

The CSS property to change the border of an element to XYZ 47.0288, 44.7740, 94.1593 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(163, 174, 247) }
```


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

```
.border{ border-color:rgb(163, 174, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 174, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 174, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 174, 247);  
box-shadow:4px 4px 4px 4px rgb(163, 174,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0288, 44.7740, 94.1593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 174, 247) }
```

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

```
.background{ background-color: rgb(163,  
174, 247) }
```

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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