

Converting Colors

XYZ(47.9602, 47.0667, 92.1450)

Have a look what the booklet for
XYZ(47.9602, 47.0667, 92.1450)
contains.

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Color

**XYZ(47.9602, 47.0667,
92.1450)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B4F4
RGB	164, 180, 244
RGB Percent	64%, 71%, 96%
CMY	0.3568, 0.2941, 0.0431
CMYK	0.33, 0.26, 0.00, 0.04
HSL	228°, 78%, 80%
HSV	228°, 33%, 96%
XYZ	47.9602, 47.0667, 92.1450
YIQ	182.5120, -30.0800, 16.5120

Conversions

Conversions Part 2

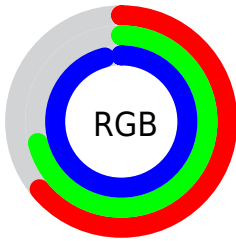
Format	Color
RYB	164, 177, 244
Decimal	10794228
CIELab	74.23, 9.13, -33.60
CIELCh	74, 34.821, 285.199
Yxy	47.0667, 0.2562, 0.2515
Android (android.graphics.Color)	4288984308 (0xFFA4B4F4)
YUV	182.5120, 30.3136, -16.2350
Hunter-Lab	68.6052, 4.7259, -31.6100

Details

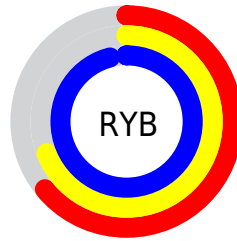
The XYZ color **47.9602, 47.0667, 92.1450** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **71.7534, 77.4010, 46.2816**, and the grayscale version is **44.5953, 46.9178, 51.0935**.

A 20% lighter version of the original color is **77.8642, 82.5831, 106.4440**, and **23.0969, 22.1246, 50.6301** is the 20% darker color. If you saturate the color by 10%, you get **39.7326, 37.3824, 90.7102**, and if you desaturate by 10%, it is **57.7119, 58.3625, 93.8122**.

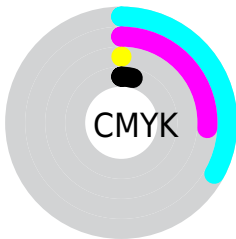
Distribution



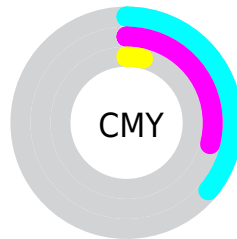
- Red (64%)
- Green (71%)
- Blue (96%)



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



- Cyan (33%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9602, 47.0667, 92.1450 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 47.9602, 47.0667, 92.1450 by changing the saturation by 10% instead.

■ 47.9602, 47.0667,
92.1450

■ 47.9602, 47.0667,
92.1450

369.2196,
375.0807, 555.7332

■ 34.0065, 33.0884,
69.1774

■ 86.3552, 85.8132,
152.2758

■ 23.0615, 22.1942,
50.3835

■ 111.5272,
111.3501, 190.2760

■ 14.7599, 13.9996,
35.3449

141.1693,
141.5088, 234.1242

■ 8.7362, 8.1204,
23.6430

175.6470,
176.6734, 284.2388

■ 4.6253, 4.1721,
14.8593

215.3254,
217.2286, 341.0385

■ 2.0616, 1.7703,
8.5752

260.5701,

■ 0.6682, 0.4686,

263.5586, 404.9418

4.3721

311.7464,
316.0478, 476.3672

■ 0.0000, 0.0000,
1.8316

■ 0.0000, 0.0000,
0.4487

■ 47.9602, 47.0667,
92.1450

■ 47.9602, 47.0667,
92.1450

■ 39.7326, 37.3824,
90.7102

■ 57.7119, 58.3625,
93.8122

■ 32.9458, 29.2294,
89.4942

■ 69.0557, 71.3341,
95.7181

■ 27.5157, 22.5288,
88.4871

■ 82.0611, 86.0488,
97.8728

■ 23.3472, 17.1918,
87.6766

■ 93.3293, 99.3117,
99.8389

■ 20.3321, 13.1197,
87.0496

■ 18.3425, 10.1987,
86.5906

■ 17.4194, 8.7119,
86.3523

Harmonies

Analogous

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



41.7357, 47.0667, 92.2366



47.9602, 47.0667, 92.1450



53.8144, 47.0667, 79.5211

Triad

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



47.9602, 47.0667, 92.1450



53.7476, 47.0667, 30.5030



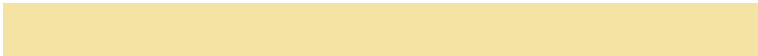
34.0951, 47.0667, 42.9499

Complementary

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



47.9602, 47.0667, 92.1450



71.7534, 77.4010, 46.2816

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.



36.7398, 47.0667, 30.6229



47.9602, 47.0667, 92.1450



47.8757, 47.0667, 24.6579

Square

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



47.9602, 47.0667, 92.1450



57.3615, 47.0667, 42.7448



41.6587, 47.0667, 24.6960



34.1132, 47.0667, 60.8093

Rectangle

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



47.9602, 47.0667, 92.1450



56.5534, 47.0667, 67.0798



41.6587, 47.0667, 24.6960



34.6905, 47.0667, 38.1259

Sweetspot

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



47.9618, 47.0685, 92.1461



80.1169, 83.1484, 106.4344



61.4809, 78.1226, 84.2720



16.7315, 17.3241, 22.7120



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.



47.9618, 47.0685, 92.1461



47.0893, 45.0750, 100.8262



50.0180, 43.6069, 91.3696



15.8495, 16.4633, 20.8850



9.5477, 4.8892, 46.9785



0.9086, 0.5686, 4.1521

Inverse Universe

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



58.8232, 49.0808, 49.5551



60.8343, 47.9987, 46.8432



68.9731, 82.8073, 47.4716



16.6346, 16.5367, 17.8225



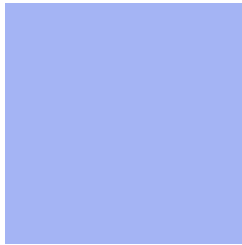
20.6237, 10.5929, 2.7270



1.8477, 0.9450, 0.4243

Previews

White Background



This preview shows how the XYZ color 47.9602, 47.0667, 92.1450 looks on a white background.

Color Contrast Check

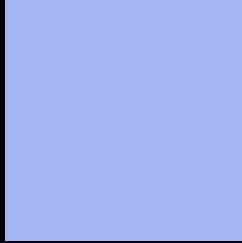
Large Text (above 18pt) WCAG AA × Fail

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 47.9602, 47.0667, 92.1450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

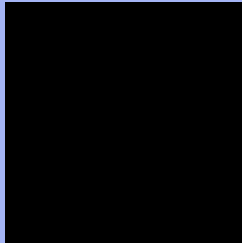
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9602, 47.0667, 92.1450

Background



This preview shows how black text looks on a background with the XYZ color 47.9602, 47.0667, 92.1450.



This preview shows how white text looks on a background with the XYZ color 47.9602, 47.0667,

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

47.9602, 47.0667, 92.1450

Protanopia

47.9602, 47.0667, 92.1450

Deuteranopia

48.3763, 47.2812, 92.1644



Tritanopia

42.2803, 47.2468, 63.3910

Trichromacy



Original Color

47.9602, 47.0667, 92.1450

Protanomaly

47.9602, 47.0667, 92.1450

Deuteranomaly

48.1674, 47.1735, 92.1546

Tritanomaly

44.1044, 47.0290, 73.0826

Monochromacy



Original Color

47.9602, 47.0667, 92.1450

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.6519, 47.0938, 64.4415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9602, 47.0667, 92.1450 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(164, 180, 244)` looks like.

```
.text, #text, p{  
    color:rgb(164, 180, 244)  
}
```

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(164, 180, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 180, 244) }
```

Border

The CSS property to change the border of an element to XYZ 47.9602, 47.0667, 92.1450 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(164, 180, 244) }
```


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

```
.border{ border-color:rgb(164, 180, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 180, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 180, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 180, 244);  
box-shadow:4px 4px 4px 4px rgb(164, 180,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9602, 47.0667, 92.1450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 180, 244) }
```

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

```
.background{ background-color: rgb(164,  
180, 244) }
```

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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