

Converting Colors

XYZ(47.6282, 43.6713, 93.3147)

Have a look what the booklet for
XYZ(47.6282, 43.6713, 93.3147)
contains.

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Color

**XYZ(47.6171, 43.6877,
93.1117)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA9F6
RGB	171, 169, 246
RGB Percent	67%, 66%, 96%
CMY	0.3294, 0.3372, 0.0353
CMYK	0.30, 0.31, 0.00, 0.04
HSL	242°, 81%, 81%
HSV	242°, 31%, 96%
XYZ	47.6171, 43.6877, 93.1117
YIQ	178.3760, -23.5250, 24.3710

Conversions

Conversions Part 2

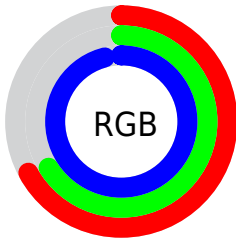
Format	Color
R _Y B	171, 169, 246
Decimal	11250166
CIE Lab	72.02, 17.72, -38.08
CIE LCh	72, 41.998, 294.952
Yxy	43.6877, 0.2582, 0.2369
Android (android.graphics.Color)	4289440246 (0xFFABA9F6)
YUV	178.3760, 33.3386, -6.4688
Hunter-Lab	66.0967, 12.9251, -37.2553

Details

The XYZ color **47.6171, 43.6877, 93.1117** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **77.4265, 88.0102, 50.4447**, and the grayscale version is **42.3551, 44.5608, 48.5267**.

A 20% lighter version of the original color is **76.7006, 77.0253, 105.4326**, and **22.7491, 20.1097, 50.8267** is the 20% darker color. If you saturate the color by 10%, you get **38.7093, 32.9297, 91.5055**, and if you desaturate by 10%, it is **58.3349, 56.6586, 95.0512**.

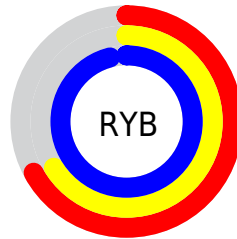
Distribution



Red (67%)

Green (66%)

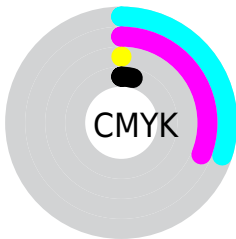
Blue (96%)



Red (67%)

Yellow (66%)

Blue (96%)

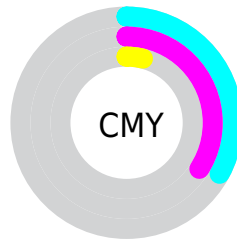


Cyan (30%)

Magenta (31%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (34%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6171, 43.6877, 93.1117 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 47.6171, 43.6877, 93.1117 by changing the saturation by 10% instead.

■ 47.6171, 43.6877,
93.1117

■ 47.6171, 43.6877,
93.1117

367.8803,
361.4323, 558.9311

■ 33.7338, 30.4251,
69.9762

■ 85.8472, 80.7476,
153.6263

■ 22.8511, 20.1614,
51.0304

110.9246,
105.3137, 191.8424

■ 14.6037, 12.5125,
35.8559

140.4641,
134.4163, 235.9225

■ 8.6262, 7.0937,
24.0341

174.8311,
168.4400, 286.2851

■ 4.5533, 3.5208,
15.1465

214.3908,
207.7690, 343.3487

■ 2.0197, 1.4093,
8.7745

259.5087,

■ 0.6450, 0.2235,

252.7878, 407.5319

4.4996

310.5501,
303.8808, 479.2532

■ 0.0000, 0.0000,
1.9032

■ 0.0000, 0.0000,
0.4948

■ 47.6171, 43.6877,
93.1117

■ 47.6171, 43.6877,
93.1117

■ 38.7093, 32.9297,
91.5055

■ 58.3349, 56.6586,
95.0512

■ 31.5075, 24.2565,
90.2109

■ 70.9500, 71.9509,
97.3380

■ 25.9039, 17.5343,
89.2088

■ 85.5497, 89.6722,
99.9891

■ 21.7769, 12.6123,
88.4762

■ 93.6347, 99.4339,
101.4472

■ 18.9870, 9.3170,
87.9872

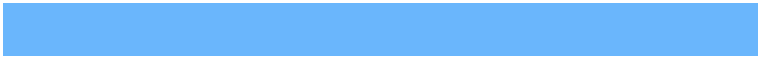
■ 17.3686, 7.4414,
87.7105

■ 16.7147, 6.6951,
87.6009

Harmonies

Analogous

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



40.3222, 43.6877, 98.7502



47.6171, 43.6877, 93.1117



53.8673, 43.6877, 74.0435

Triad

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



47.6171, 43.6877, 93.1117



49.9570, 43.6877, 22.0086



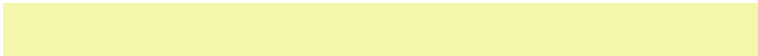
29.2464, 43.6877, 44.1772

Complementary

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



47.6171, 43.6877, 93.1117



77.4265, 88.0102, 50.4447

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.



31.2267, 43.6877, 28.3023



47.6171, 43.6877, 93.1117



42.7491, 43.6877, 18.0768

Square

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



47.6171, 43.6877, 93.1117



55.3235, 43.6877, 32.7774



35.9739, 43.6877, 19.9945



30.2339, 43.6877, 66.2497

Rectangle

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



47.6171, 43.6877, 93.1117



56.3153, 43.6877, 58.5766



35.9739, 43.6877, 19.9945



29.5797, 43.6877, 38.0339

Sweetspot

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



47.6186, 43.6894, 93.1127



80.4095, 82.2255, 106.2408



65.5647, 80.2234, 99.2186



16.7402, 17.0285, 22.6545



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.



47.6186, 43.6894, 93.1127



44.9147, 39.2452, 99.8156



57.0572, 48.5551, 93.5544



15.6209, 15.9472, 20.7974



8.9394, 3.5828, 46.7584



0.7994, 0.3220, 4.1102

Inverse Universe

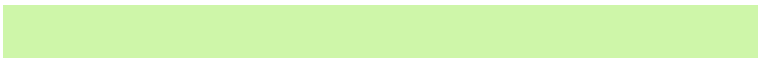
The Inverse Universe completely reimagines the original color for something new.



68.5243, 54.5020, 92.4972



71.1313, 52.8068, 98.9412



65.6323, 81.9300, 49.8927



17.1940, 16.7604, 20.7679



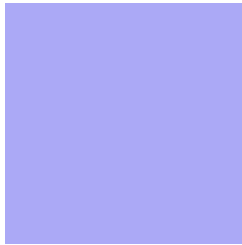
28.6590, 13.8071, 45.0404



2.5246, 1.2158, 3.9891

Previews

White Background



This preview shows how the XYZ color 47.6171, 43.6877, 93.1117 looks on a white background.

Color Contrast Check

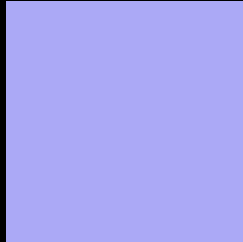
Large Text (above 18pt) WCAG AA × Fail

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 47.6171, 43.6877, 93.1117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

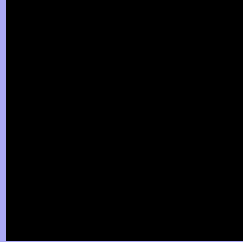
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6171, 43.6877, 93.1117

Background



This preview shows how black text looks on a background with the XYZ color 47.6171, 43.6877, 93.1117.



This preview shows how white text looks on a background with the XYZ color 47.6171, 43.6877,

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

47.6171, 43.6877, 93.1117

Protanopia

45.5282, 43.9465, 96.5254

Deuteranopia

44.9439, 43.7347, 92.4590



Tritanopia

40.3549, 43.6088, 57.3293

Trichromacy



Original Color

47.6171, 43.6877, 93.1117

Protanomaly

46.3486, 43.8182, 95.6375

Deuteranomaly

45.7312, 43.5712, 92.3860

Tritanomaly

42.6501, 43.3566, 69.0715

Monochromacy



Original Color

47.6171, 43.6877, 93.1117

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.7887, 44.0857, 62.7014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6171, 43.6877, 93.1117 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(171, 169, 246)` looks like.

```
.text, #text, p{  
    color:rgb(171, 169, 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(171, 169, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 169, 246) }
```

Border

The CSS property to change the border of an element to XYZ 47.6171, 43.6877, 93.1117 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(171, 169, 246) }
```


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

```
.border{ border-color:rgb(171, 169, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 169, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 169, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 169, 246); box-shadow:4px 4px 4px 4px rgb(171, 169, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6171, 43.6877, 93.1117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 169, 246) }
```

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

```
.background{ background-color: rgb(171,  
169, 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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