

Converting Colors

XYZ(47.1969, 46.6906, 91.3187)

Have a look what the booklet for
XYZ(47.1969, 46.6906, 91.3187)
contains.

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Color

**XYZ(47.1969, 46.6906,
91.3187)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B4F3
RGB	161, 180, 243
RGB Percent	63%, 71%, 95%
CMY	0.3686, 0.2941, 0.0471
CMYK	0.34, 0.26, 0.00, 0.05
HSL	226°, 77%, 79%
HSV	226°, 34%, 95%
XYZ	47.1969, 46.6906, 91.3187
YIQ	181.5010, -31.5470, 15.5650

Conversions

Conversions Part 2

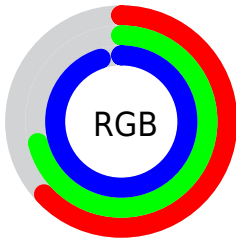
Format	Color
RYB	161, 176, 243
Decimal	10597619
CIELab	73.99, 8.04, -33.45
CIELCh	74, 34.406, 283.523
Yxy	46.6906, 0.2548, 0.2521
Android (android.graphics.Color)	4288787699 (0xFFA1B4F3)
YUV	181.5010, 30.3190, -17.9794
Hunter-Lab	68.3305, 3.7142, -31.4053

Details

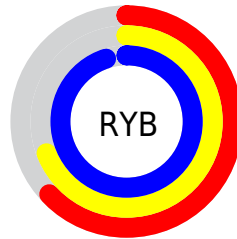
The XYZ color **47.1969, 46.6906, 91.3187** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **70.0521, 74.9406, 44.4929**, and the grayscale version is **44.0466, 46.3404, 50.4647**.

A 20% lighter version of the original color is **76.9589, 82.1163, 106.4016**, and **22.6224, 21.8924, 50.0470** is the 20% darker color. If you saturate the color by 10%, you get **39.2491, 37.3710, 89.9396**, and if you desaturate by 10%, it is **56.6071, 57.5197, 92.9138**.

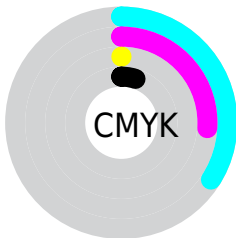
Distribution



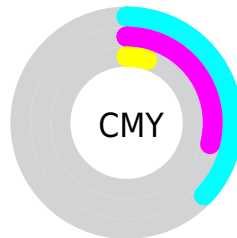
- Red (63%)
- Green (71%)
- Blue (95%)



- Red (63%)
- Yellow (69%)
- Blue (95%)



- Cyan (34%)
- Magenta (26%)
- Yellow (0%)
- Black (5%)



- Cyan (37%)
- Magenta (29%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1969, 46.6906, 91.3187 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 47.1969, 46.6906, 91.3187 by changing the saturation by 10% instead.

■ 47.1969, 46.6906,
91.3187

■ 47.1969, 46.6906,
91.3187

366.2357,
373.5782, 552.9917

■ 33.3999, 32.7911,
68.4950

■ 85.2244, 85.2516,
151.1203

■ 22.5937, 21.9665,
49.8314

■ 110.1857,
110.6819, 188.9352

■ 14.4128, 13.8323,
34.9092

139.5991,
140.7246, 232.5844

■ 8.4920, 8.0041,
23.3099

173.8300,
175.7642, 282.4862

■ 4.4658, 4.0976,
14.6151

213.2437,
216.1849, 339.0594

■ 1.9689, 1.7283,
8.4061

258.2057,

■ 0.6164, 0.4419,

262.3712, 402.7223

4.2644

309.0813,
314.7075, 473.8935

■ 0.0000, 0.0000,
1.7715

■ 0.0000, 0.0000,
0.4090

■ 47.1969, 46.6906,
91.3187

■ 47.1969, 46.6906,
91.3187

■ 39.2491, 37.3710,
89.9396

■ 56.6071, 57.5197,
92.9138

■ 32.6835, 29.4866,
88.7638

■ 67.5448, 69.9172,
94.7303

■ 27.4191, 22.9647,
87.7824

■ 80.0771, 83.9452,
96.7774

■ 23.3641, 17.7239,
86.9845

■ 93.0764, 99.0483,
99.0075

■ 20.4140, 13.6730,
86.3581

■ 93.1778, 99.2511,
99.0413

■ 18.4444, 10.7069,
85.8894

■ 17.6068, 9.3291,
85.6676

Harmonies

Analogous

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



41.1122, 46.6906, 90.6534



47.1969, 46.6906, 91.3187



53.0168, 46.6906, 79.5149

Triad

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



47.1969, 46.6906, 91.3187



53.5031, 46.6906, 30.9241



33.9901, 46.6906, 41.8364

Complementary

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



47.1969, 46.6906, 91.3187



70.0521, 74.9406, 44.4929

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.



36.7326, 46.6906, 30.0472



47.1969, 46.6906, 91.3187



47.8124, 46.6906, 24.8148

Square

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



47.1969, 46.6906, 91.3187



56.8780, 46.6906, 43.3331



41.6737, 46.6906, 24.5361



33.8583, 46.6906, 59.1632

Rectangle

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



47.1969, 46.6906, 91.3187



55.8096, 46.6906, 67.4562



41.6737, 46.6906, 24.5361



34.6249, 46.6906, 37.2015

Sweetspot

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



47.1985, 46.6924, 91.3198



80.3483, 83.6112, 106.5115



60.1864, 77.0540, 82.1283



16.7871, 17.4353, 22.7305



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.



47.1985, 46.6924, 91.3198



46.8368, 45.2921, 100.8814



48.4209, 42.0136, 90.3523



15.8927, 16.5497, 20.8993



9.7476, 5.2889, 47.0451



0.9319, 0.6153, 4.1599

Inverse Universe

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



57.9466, 47.8414, 49.3619



60.5306, 47.2022, 47.3245



68.3443, 82.0686, 45.9588



16.6564, 16.5454, 17.9373



20.7246, 10.6333, 3.2583



1.8595, 0.9498, 0.4863

Previews

White Background



This preview shows how the XYZ color 47.1969, 46.6906, 91.3187 looks on a white background.

Color Contrast Check

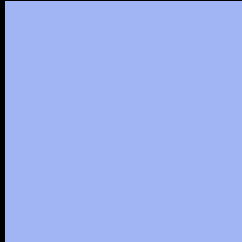
Large Text (above 18pt) WCAG AA × Fail

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 47.1969, 46.6906, 91.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

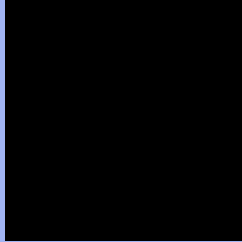
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1969, 46.6906, 91.3187

Background



This preview shows how black text looks on a background with the XYZ color 47.1969, 46.6906, 91.3187.



This preview shows how white text looks on a background with the XYZ color 47.1969, 46.6906,

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

47.1969, 46.6906, 91.3187

Protanopia

47.4570, 46.5435, 90.4869

Deuteranopia

47.8148, 46.7106, 91.2900



Tritanopia

41.7116, 46.9536, 63.3644

Trichromacy



Original Color

47.1969, 46.6906, 91.3187

Protanomaly

47.2514, 46.4375, 90.4773

Deuteranomaly

47.6076, 46.6038, 91.2803

Tritanomaly

43.5214, 46.7284, 73.0553

Monochromacy



Original Color

47.1969, 46.6906, 91.3187

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.8785, 46.4061, 63.7187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1969, 46.6906, 91.3187 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(161, 180, 243)` looks like.

```
.text, #text, p{  
    color:rgb(161, 180, 243)  
}
```

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(161, 180, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 180, 243) }
```

Border

The CSS property to change the border of an element to XYZ 47.1969, 46.6906, 91.3187 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(161, 180, 243) }
```


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

```
.border{ border-color:rgb(161, 180, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 180, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 180, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 180, 243);  
box-shadow:4px 4px 4px 4px rgb(161, 180,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1969, 46.6906, 91.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 180, 243) }
```

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

```
.background{ background-color: rgb(161,  
180, 243) }
```

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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