

Converting Colors

XYZ(47.5708, 47.0218, 71.5346)

Have a look what the booklet for
XYZ(47.5708, 47.0218, 71.5346)
contains.

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Color

**XYZ(47.5708, 47.0218,
71.5346)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B3D8
RGB	181, 179, 216
RGB Percent	71%, 70%, 85%
CMY	0.2902, 0.2980, 0.1529
CMYK	0.16, 0.17, 0.00, 0.15
HSL	243°, 32%, 77%
HSV	243°, 17%, 85%
XYZ	47.5708, 47.0218, 71.5346
YIQ	183.8160, -10.6850, 11.9310

Conversions

Conversions Part 2

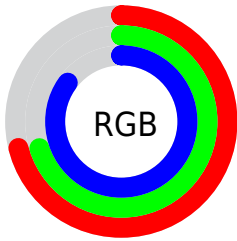
Format	Color
R_{YB}	181, 179, 216
Decimal	11908056
CIE _{Lab}	74.20, 8.17, -18.34
CIE _{LCh}	74, 20.081, 294.016
Yxy	47.0218, 0.2864, 0.2830
Android (android.graphics.Color)	4290098136 (0xFFB5B3D8)
YUV	183.8160, 15.8667, -2.4696
Hunter-Lab	68.5724, 3.8291, -13.8505

Details

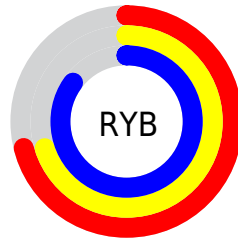
The XYZ color **47.5708, 47.0218, 71.5346** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.4257, 66.6637, 52.3326**, and the grayscale version is **45.3791, 47.7423, 51.9914**.

A 20% lighter version of the original color is **82.6834, 84.6412, 106.5872**, and **22.7960, 22.0841, 36.7794** is the 20% darker color. If you saturate the color by 10%, you get **39.1314, 36.7411, 69.9958**, and if you desaturate by 10%, it is **57.3940, 59.0248, 73.3344**.

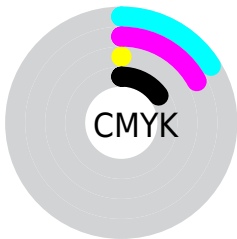
Distribution



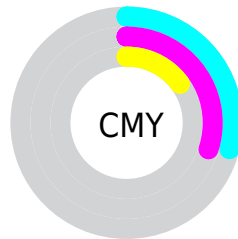
- Red (71%)
- Green (70%)
- Blue (85%)



- Red (71%)
- Yellow (70%)
- Blue (85%)



- Cyan (16%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (29%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5708, 47.0218, 71.5346 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 47.5708, 47.0218, 71.5346 by changing the saturation by 10% instead.

■ 47.5708, 47.0218,
71.5346

■ 47.5708, 47.0218,
71.5346

367.6993,
374.9015, 484.8540

■ 33.6970, 33.0529,
52.2941

■ 85.7786, 85.7462,
123.0962

■ 22.8227, 22.1670,
36.8557

110.8433,
111.2704, 156.2543

■ 14.5826, 13.9796,
24.8009

140.3689,
141.4152, 194.8887

■ 8.6114, 8.1065,
15.7111

174.7209,
176.5650, 239.4180

■ 4.5436, 4.1632,
9.1678

214.2646,
217.1041, 290.2606

■ 2.0141, 1.7653,
4.7525

259.3653,

■ 0.6418, 0.4654,

263.4170, 347.8351

2.0466

310.3884,
315.8880, 412.5601

■ 0.0000, 0.0000,
0.5837

■ 0.0000, 0.0000,
0.0000

■ 47.5708, 47.0218,
71.5346

■ 47.5708, 47.0218,
71.5346

■ 39.1314, 36.7411,
69.9958

■ 57.3940, 59.0248,
73.3344

■ 32.0093, 28.0982,
68.7029

■ 68.6545, 72.8180,
75.4033

■ 26.1395, 21.0103,
67.6442

■ 81.4086, 88.4725,
77.7527

■ 21.4493, 15.3850,
66.8056

■ 89.3948, 97.7379,
79.1202

■ 17.8589, 11.1200,
66.1716

■ 15.2784, 8.1000,
65.7247

■ 13.6035, 6.1906,
65.4444

■ 12.7030, 5.2167,
65.3039

■ 12.5418, 5.0337,
65.2771

Harmonies

Analogous

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



43.9748, 47.0218, 73.5641



47.5708, 47.0218, 71.5346



50.5337, 47.0218, 63.7577

Triad

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



47.5708, 47.0218, 71.5346



48.8863, 47.0218, 36.7693



38.1534, 47.0218, 49.1589

Complementary

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



47.5708, 47.0218, 71.5346



60.4257, 66.6637, 52.3326

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.



39.3203, 47.0218, 40.4078



47.5708, 47.0218, 71.5346



45.4186, 47.0218, 33.8991

Square

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



47.5708, 47.0218, 71.5346



51.3213, 47.0218, 43.5440



41.9333, 47.0218, 35.1360



38.6612, 47.0218, 59.7018

Rectangle

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



47.5708, 47.0218, 71.5346



51.6859, 47.0218, 56.8564



41.9333, 47.0218, 35.1360



38.3608, 47.0218, 45.9294

Sweetspot

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



47.5723, 47.0237, 71.5357



86.8175, 89.9169, 107.3877



55.0710, 62.7118, 74.1685



18.3442, 18.9542, 22.9416



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.



47.5723, 47.0237, 71.5357



64.0374, 62.0892, 103.2170



52.1625, 49.3901, 71.7505



11.8040, 12.0404, 15.6394



7.4519, 2.9941, 38.6383



0.4718, 0.1921, 2.3315

Inverse Universe

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



56.5781, 51.6961, 70.6167



79.8195, 70.2785, 101.5434



55.3679, 64.0564, 52.0959



12.9227, 12.6206, 15.5332



23.2501, 11.2363, 34.9505



1.4114, 0.6813, 2.1558

Previews

White Background



This preview shows how the XYZ color 47.5708, 47.0218, 71.5346 looks on a white background.

Color Contrast Check

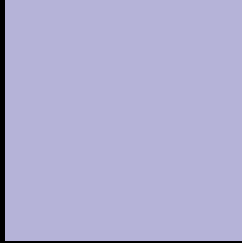
Large Text (above 18pt) WCAG AA × Fail

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 47.5708, 47.0218, 71.5346 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 47.5708, 47.0218, 71.5346

Background



This preview shows how black text looks on a background with the XYZ color 47.5708, 47.0218, 71.5346.



This preview shows how white text looks on a background with the XYZ color 47.5708, 47.0218,

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

47.5708, 47.0218, 71.5346

Protanopia

46.7275, 47.1715, 72.2878

Deuteranopia

48.0822, 46.9890, 71.5013



Tritanopia

45.1661, 46.9521, 59.5055

Trichromacy



Original Color

47.5708, 47.0218, 71.5346

Protanomaly

46.9771, 46.9994, 72.2415

Deuteranomaly

47.8435, 46.8659, 71.4902

Tritanomaly

46.0134, 46.9911, 63.7718

Monochromacy



Original Color

47.5708, 47.0218, 71.5346

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.2202, 47.5087, 58.9586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5708, 47.0218, 71.5346 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(181, 179, 216)` looks like.

```
.text, #text, p{  
    color:rgb(181, 179, 216)  
}
```

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(181, 179, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 179, 216) }
```

Border

The CSS property to change the border of an element to XYZ 47.5708, 47.0218, 71.5346 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(181, 179, 216) }
```


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

```
.border{ border-color:rgb(181, 179, 216) }
```

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

Here you see how a box with a 4 pixel rgb(181, 179, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 179, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 179, 216);  
box-shadow:4px 4px 4px 4px rgb(181, 179,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5708, 47.0218, 71.5346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 179, 216) }
```

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

```
.background{ background-color: rgb(181,  
179, 216) }
```

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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