

Converting Colors

XYZ(47.9742, 48.1001, 73.0851)

Have a look what the booklet for
XYZ(47.9742, 48.1001, 73.0851)
contains.

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Color

**XYZ(47.9732, 48.1016,
73.0857)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B6DA
RGB	179, 182, 218
RGB Percent	70%, 71%, 85%
CMY	0.2980, 0.2863, 0.1451
CMYK	0.18, 0.17, 0.00, 0.15
HSL	235°, 35%, 78%
HSV	235°, 18%, 85%
XYZ	47.9732, 48.1016, 73.0857
YIQ	185.2070, -13.3440, 10.5600

Conversions

Conversions Part 2

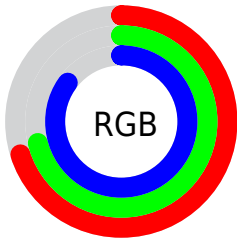
Format	Color
R_{YB}	179, 182, 218
Decimal	11777754
CIE _{Lab}	74.89, 6.34, -18.41
CIE _{LCh}	75, 19.468, 288.991
Yxy	48.1016, 0.2836, 0.2844
Android (android.graphics.Color)	4289967834 (0xFFB3B6DA)
YUV	185.2070, 16.1669, -5.4435
Hunter-Lab	69.3553, 2.0970, -13.9303

Details

The XYZ color **47.9732, 48.1016, 73.0857** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.3508, 66.7606, 52.3014**, and the grayscale version is **46.1486, 48.5520, 52.8731**.

A 20% lighter version of the original color is **82.8855, 86.0312, 106.8449**, and **23.0653, 22.7805, 37.8317** is the 20% darker color. If you saturate the color by 10%, you get **39.4987, 38.0497, 71.5929**, and if you desaturate by 10%, it is **57.8393, 59.7523, 74.8153**.

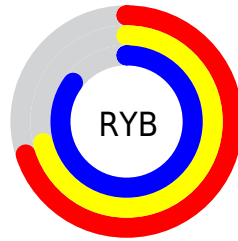
Distribution



Red (70%)

Green (71%)

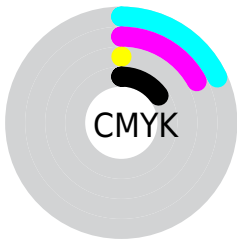
Blue (85%)



Red (70%)

Yellow (71%)

Blue (85%)

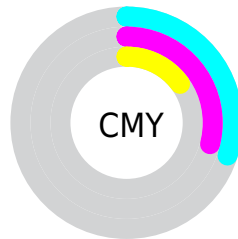


Cyan (18%)

Magenta (17%)

Yellow (0%)

Black (15%)



Cyan (30%)

Magenta (29%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9732, 48.1016, 73.0857 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 47.9732, 48.1016, 73.0857 by changing the saturation by 10% instead.

■ 47.9732, 48.1016,
73.0857

■ 47.9732, 48.1016,
73.0857

369.2702,
379.1947, 490.3905

■ 34.0168, 33.9074,
53.5538

■ 86.3744, 87.3557,
125.3209

■ 23.0695, 22.8224,
37.8543

111.5500,
113.1843, 158.8613

■ 14.7658, 14.4624,
25.5687

141.1960,
143.6598, 197.9082

■ 8.7404, 8.4430,
16.2784

175.6779,
179.1666, 242.8803

■ 4.6280, 4.3797,
9.5649

215.3608,
220.0891, 294.1960

■ 2.0632, 1.8881,
5.0096

260.6103,

■ 0.6691, 0.5412,

266.8117, 352.2740

2.1941

311.7917,
319.7187, 417.5326

■ 0.0000, 0.0000,
0.6709

■ 0.0000, 0.0000,
0.0000

■ 47.9732, 48.1016,
73.0857

■ 47.9732, 48.1016,
73.0857

■ 39.4987, 38.0497,
71.5929

■ 57.8393, 59.7523,
74.8153

■ 32.3489, 29.5211,
70.3236

■ 69.1512, 73.0612,
76.7880

■ 26.4580, 22.4433,
69.2679

■ 81.9653, 88.0917,
79.0138

■ 21.7529, 16.7352,
68.4141

■ 89.6550, 97.8420,
80.4905

■ 18.1528, 12.3079,
67.7493

■ 15.5668, 9.0620,
67.2591

■ 13.8895, 6.8833,
66.9270

■ 12.9813, 5.6291,
66.7327

■ 12.8521, 5.4562,
66.7062

Harmonies

Analogous

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



44.4298, 48.1016, 73.9674



47.9732, 48.1016, 73.0857



51.0578, 48.1016, 66.2560

Triad

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



47.9732, 48.1016, 73.0857



50.3391, 48.1016, 38.9821



39.3497, 48.1016, 48.7344

Complementary

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



47.9732, 48.1016, 73.0857



61.3508, 66.7606, 52.3014

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.



40.7662, 48.1016, 40.5813



47.9732, 48.1016, 73.0857



47.0332, 48.1016, 35.4550

Square

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



47.9732, 48.1016, 73.0857



52.4717, 48.1016, 46.2756



43.5368, 48.1016, 35.9999



39.5722, 48.1016, 58.9870

Rectangle

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



47.9732, 48.1016, 73.0857



52.3817, 48.1016, 59.6893



43.5368, 48.1016, 35.9999



39.6469, 48.1016, 45.6831

Sweetspot

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



47.9747, 48.1036, 73.0868



86.8738, 90.3814, 107.4744



55.8963, 64.6208, 73.6495



18.3578, 19.0665, 22.9626



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.



47.9747, 48.1036, 73.0868



64.2271, 63.6370, 103.5058



51.3462, 48.9386, 73.0703



12.4188, 12.7774, 16.4639



7.7300, 3.3295, 39.9736



0.5295, 0.2732, 2.5993

Inverse Universe

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



53.4782, 50.5241, 51.1918



73.3204, 67.6789, 67.3195



57.4985, 65.9200, 52.3422



13.0965, 13.0677, 13.7695



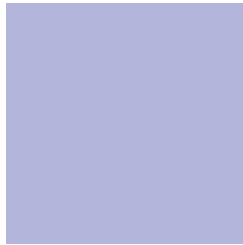
17.3971, 8.9599, 1.2052



1.1416, 0.5863, 0.1545

Previews

White Background



This preview shows how the XYZ color 47.9732, 48.1016, 73.0857 looks on a white background.

Color Contrast Check

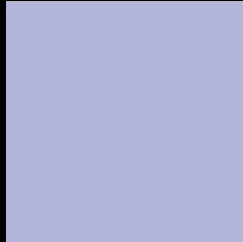
Large Text (above 18pt) WCAG AA × Fail

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 47.9732, 48.1016, 73.0857 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 47.9732, 48.1016, 73.0857

Background



This preview shows how black text looks on a background with the XYZ color 47.9732, 48.1016, 73.0857.



This preview shows how white text looks on a background with the XYZ color 47.9732, 48.1016,

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

47.9732, 48.1016, 73.0857

Protanopia

47.7198, 48.2760, 73.1328

Deuteranopia

48.9837, 48.0188, 73.0165



Tritanopia

45.6788, 48.0982, 61.5199

Trichromacy



Original Color

47.9732, 48.1016, 73.0857

Protanomaly

47.9485, 48.3939, 73.1435

Deuteranomaly

48.7072, 48.1770, 73.0616

Tritanomaly

46.5344, 48.1331, 65.8695

Monochromacy



Original Color

47.9732, 48.1016, 73.0857

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.7470, 48.3795, 59.6977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9732, 48.1016, 73.0857 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(179, 182, 218)` looks like.

```
.text, #text, p{  
    color:rgb(179, 182, 218)  
}
```

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(179, 182, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 182, 218) }
```

Border

The CSS property to change the border of an element to XYZ 47.9732, 48.1016, 73.0857 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(179, 182, 218) }
```


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

```
.border{ border-color:rgb(179, 182, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 182, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 182, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 182, 218);  
box-shadow:4px 4px 4px 4px rgb(179, 182,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9732, 48.1016, 73.0857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 182, 218) }
```

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

```
.background{ background-color: rgb(179,  
182, 218) }
```

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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