

Converting Colors

XYZ(49.3747, 50.0726, 72.7083)

Have a look what the booklet for
XYZ(49.3747, 50.0726, 72.7083)
contains.

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Color

**XYZ(49.3747, 50.0726,
72.7083)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BAD9
RGB	182, 186, 217
RGB Percent	71%, 73%, 85%
CMY	0.2863, 0.2706, 0.1490
CMYK	0.16, 0.14, 0.00, 0.15
HSL	233°, 32%, 78%
HSV	233°, 16%, 85%
XYZ	49.3747, 50.0726, 72.7083
YIQ	188.3380, -12.3350, 8.7930

Conversions

Conversions Part 2

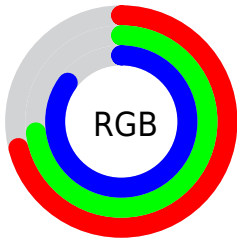
Format	Color
RYB	182, 186, 217
Decimal	11975385
CIELab	76.11, 4.90, -16.00
CIELCh	76, 16.727, 287.017
Yxy	50.0726, 0.2868, 0.2909
Android (android.graphics.Color)	4290165465 (0xFFB6BAD9)
YUV	188.3380, 14.1304, -5.5584
Hunter-Lab	70.7620, 0.7162, -11.3874

Details

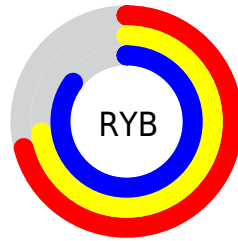
The XYZ color **49.3747, 50.0726, 72.7083** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.8535, 65.7176, 53.7347**, and the grayscale version is **47.9205, 50.4161, 54.9031**.

A 20% lighter version of the original color is **85.0620, 88.9014, 107.2842**, and **23.9624, 24.0508, 37.5617** is the 20% darker color. If you saturate the color by 10%, you get **40.8616, 40.0733, 71.2277**, and if you desaturate by 10%, it is **59.2296, 61.5746, 74.4098**.

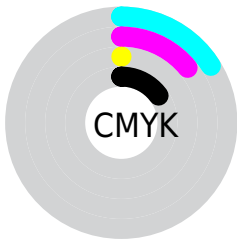
Distribution



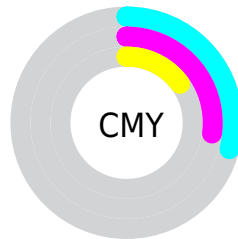
- Red (71%)
- Green (73%)
- Blue (85%)



- Red (71%)
- Yellow (73%)
- Blue (85%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (29%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3747, 50.0726, 72.7083 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 49.3747, 50.0726, 72.7083 by changing the saturation by 10% instead.

■ 49.3747, 50.0726,
72.7083

■ 49.3747, 50.0726,
72.7083

374.7081,
386.9498, 489.0468

■ 35.1326, 35.4711,
53.2471

■ 88.4451, 90.2824,
124.7801

■ 23.9320, 24.0260,
37.6110

114.0041,
116.6595, 158.2278

■ 15.4077, 15.3529,
25.3814

144.0660,
147.7306, 197.1747

■ 9.1942, 9.0674,
16.1399

178.9963,
183.8801, 242.0394

■ 4.9262, 4.7852,
9.4677

219.1603,
225.4924, 293.2404

■ 2.2383, 2.1218,
4.9466

264.9234,

■ 0.7628, 0.6768,

272.9518, 351.1963

2.1577

316.6509,
326.6428, 416.3256

■ 0.0000, 0.0000,
0.6498

■ 0.0000, 0.0000,
0.0000

■ 49.3747, 50.0726,
72.7083

■ 49.3747, 50.0726,
72.7083

■ 40.8616, 40.0733,
71.2277

■ 59.2296, 61.5746,
74.4098

■ 33.6276, 31.5085,
69.9558

■ 70.4761, 74.6313,
76.3372

■ 27.6120, 24.3140,
68.8842

■ 83.1673, 89.3001,
78.4997

■ 22.7472, 18.4182,
68.0026

■ 89.5245, 97.7898,
79.8033

■ 18.9589, 13.7430,
67.2999

■ 16.1641, 10.2018,
66.7637

■ 14.2674, 7.6964,
66.3800

■ 13.1530, 6.1107,
66.1327

■ 12.8682, 5.6970,
66.0679

Harmonies

Analogous

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



46.2539, 50.0726, 73.0892



49.3747, 50.0726, 72.7083



52.1300, 50.0726, 67.1293

Triad

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



49.3747, 50.0726, 72.7083



51.8125, 50.0726, 42.8640



41.9684, 50.0726, 50.7411

Complementary

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



49.3747, 50.0726, 72.7083



60.8535, 65.7176, 53.7347

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.



43.3262, 50.0726, 43.5986



49.3747, 50.0726, 72.7083



48.9567, 50.0726, 39.3976

Square

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



49.3747, 50.0726, 72.7083



53.5792, 50.0726, 49.6327



45.8537, 50.0726, 39.6509



42.0692, 50.0726, 59.7192

Rectangle

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



49.3747, 50.0726, 72.7083



53.3478, 50.0726, 61.5275



45.8537, 50.0726, 39.6509



42.2667, 50.0726, 48.0669

Sweetspot

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



49.3762, 50.0747, 72.7094



87.0167, 90.6672, 107.5220



56.1049, 64.3716, 72.3641



18.3923, 19.1357, 22.9741



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.



49.3762, 50.0747, 72.7094



67.2225, 67.5525, 104.1037



51.8669, 50.1246, 72.5878



12.4580, 12.8557, 16.4769



7.8287, 3.5268, 40.0065



0.5481, 0.3104, 2.6055

Inverse Universe

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



54.2074, 51.7541, 53.5891



75.3389, 70.4259, 71.9694



58.0451, 65.7826, 53.8952



13.1163, 13.0756, 13.8736



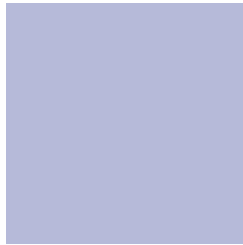
17.4469, 8.9798, 1.4675



1.1510, 0.5900, 0.2039

Previews

White Background



This preview shows how the XYZ color 49.3747, 50.0726, 72.7083 looks on a white background.

Color Contrast Check

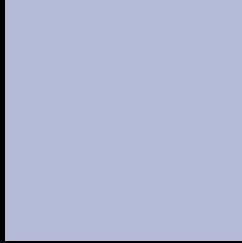
Large Text (above 18pt) WCAG AA × Fail

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 49.3747, 50.0726, 72.7083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

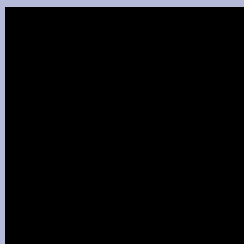
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.3747, 50.0726, 72.7083

Background



This preview shows how black text looks on a background with the XYZ color 49.3747, 50.0726, 72.7083.



This preview shows how white text looks on a background with the XYZ color 49.3747, 50.0726,

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

49.3747, 50.0726, 72.7083

Protanopia

49.3747, 50.0726, 72.7083

Deuteranopia

51.0742, 50.0053, 73.2898



Tritanopia

47.5851, 49.9815, 63.6393

Trichromacy



Original Color

49.3747, 50.0726, 72.7083

Protanomaly

49.3747, 50.0726, 72.7083

Deuteranomaly

50.5344, 50.0343, 73.3238

Tritanomaly

48.2115, 49.9185, 66.7687

Monochromacy



Original Color

49.3747, 50.0726, 72.7083

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.3288, 50.1033, 61.1565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3747, 50.0726, 72.7083 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(182, 186, 217)` looks like.

```
.text, #text, p{  
    color:rgb(182, 186, 217)  
}
```

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(182, 186, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 186, 217) }
```

Border

The CSS property to change the border of an element to XYZ 49.3747, 50.0726, 72.7083 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(182, 186, 217) }
```


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

```
.border{ border-color:rgb(182, 186, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 186, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 186, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 186, 217);  
box-shadow:4px 4px 4px 4px rgb(182, 186,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3747, 50.0726, 72.7083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 186, 217) }
```

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

```
.background{ background-color: rgb(182,  
186, 217) }
```

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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