

Converting Colors

XYZ(46.0744, 42.0415, 76.0491)

Have a look what the booklet for
XYZ(46.0744, 42.0415, 76.0491)
contains.

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Color

**XYZ(46.2011, 42.2372,
76.2385)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A5E0
RGB	182, 165, 224
RGB Percent	71%, 65%, 88%
CMY	0.2863, 0.3529, 0.1216
CMYK	0.19, 0.26, 0.00, 0.12
HSL	257°, 49%, 76%
HSV	257°, 26%, 88%
XYZ	46.2011, 42.2372, 76.2385
YIQ	176.8090, -8.8070, 21.9530

Conversions

Conversions Part 2

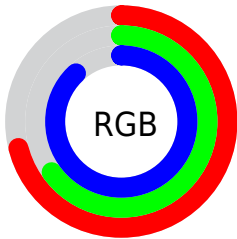
Format	Color
R_{YB}	182, 165, 224
Decimal	11970016
CIE _{Lab}	71.03, 17.99, -27.54
CIE _{LCh}	71, 32.892, 303.152
Yxy	42.2372, 0.2806, 0.2565
Android (android.graphics.Color)	4290160096 (0xFFB6A5E0)
YUV	176.8090, 23.2652, 4.5525
Hunter-Lab	64.9902, 13.1618, -24.0587

Details

The XYZ color **46.2011, 42.2372, 76.2385** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.1806, 69.2943, 45.8552**, and the grayscale version is **41.5761, 43.7413, 47.6343**.

A 20% lighter version of the original color is **78.9031, 76.5835, 105.2312**, and **21.9686, 19.2640, 40.0966** is the 20% darker color. If you saturate the color by 10%, you get **38.9555, 33.0211, 74.8422**, and if you desaturate by 10%, it is **54.5859, 53.0930, 77.8926**.

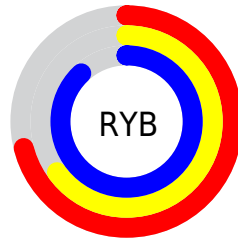
Distribution



Red (71%)

Green (65%)

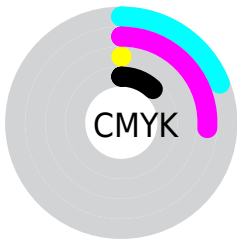
Blue (88%)



Red (71%)

Yellow (65%)

Blue (88%)

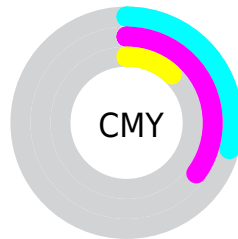


Cyan (19%)

Magenta (26%)

Yellow (0%)

Black (12%)



Cyan (29%)

Magenta (35%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2011, 42.2372, 76.2385 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 46.2011, 42.2372, 76.2385 by changing the saturation by 10% instead.

■ 46.2011, 42.2372,
76.2385

■ 46.2011, 42.2372,
76.2385

362.3189,
355.4653, 501.5323

■ 32.6098, 29.2871,
56.1203

■ 83.7459, 78.5585,
129.8272

■ 21.9855, 19.2981,
39.8947

■ 108.4302,
102.6984, 164.1347

■ 13.9628, 11.8859,
27.1433

137.5428,
131.3371, 204.0090

■ 8.1763, 6.6660,
17.4475

171.4491,
164.8589, 249.8687

■ 4.2607, 3.2541,
10.3887

210.5146,
203.6483, 302.1324

■ 1.8507, 1.2658,
5.5485

255.1044,

■ 0.5479, 0.1145,

248.0895, 361.2185

2.5082

305.5841,
298.5670, 427.5456

■ 0.0000, 0.0000,
0.8445

■ 0.0000, 0.0000,
0.0000

■ 46.2011, 42.2372,
76.2385

■ 46.2011, 42.2372,
76.2385

■ 38.9555, 33.0211,
74.8422

■ 54.5859, 53.0930,
77.8926

■ 32.7936, 25.3584,
73.6879

■ 64.1537, 65.6587,
79.8138

■ 27.6617, 19.1624,
72.7624

■ 74.9508, 80.0068,
82.0142

■ 23.4991, 14.3358,
72.0502

■ 87.0198, 96.2039,
84.5044

■ 20.2383, 10.7691,
71.5336

■ 90.4547, 98.1619,
84.7013

■ 17.8022, 8.3352,
71.1922

■ 16.0970, 6.8762,
71.0005

■ 15.6043, 6.4901,
70.9519

Harmonies

Analogous

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



40.7286, 42.2372, 83.2757



46.2011, 42.2372, 76.2385



50.3227, 42.2372, 61.0435

Triad

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



46.2011, 42.2372, 76.2385



45.1054, 42.2372, 23.9401



30.4978, 42.2372, 47.6722

Complementary

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



46.2011, 42.2372, 76.2385



59.1806, 69.2943, 45.8552

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.



31.4417, 42.2372, 33.6388



46.2011, 42.2372, 76.2385



39.5673, 42.2372, 21.9199

Square

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



46.2011, 42.2372, 76.2385



49.6506, 42.2372, 31.3543



34.6430, 42.2372, 25.0324



31.9377, 42.2372, 64.5888

Rectangle

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



46.2011, 42.2372, 76.2385



51.5685, 42.2372, 49.6899



34.6430, 42.2372, 25.0324



30.5472, 42.2372, 42.4768

Sweetspot

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



46.2025, 42.2389, 76.2395



83.7415, 85.0169, 106.6040



51.3545, 58.1455, 79.0382



17.4946, 17.6312, 22.7310



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.



46.2025, 42.2389, 76.2395



56.0730, 49.1191, 101.1333



53.8370, 46.1747, 76.5967



13.3212, 13.4336, 17.2785



9.1815, 3.8285, 41.3034



0.7233, 0.3102, 2.8670

Inverse Universe

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



55.4594, 47.2642, 65.2329



70.7534, 57.0980, 83.2559



51.7590, 65.4683, 45.5078



14.1179, 13.8648, 16.3908



21.6111, 10.7115, 20.4159



1.5361, 0.7577, 1.6160

Previews

White Background



This preview shows how the XYZ color 46.2011, 42.2372, 76.2385 looks on a white background.

Color Contrast Check

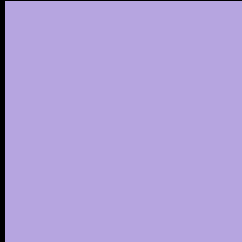
Large Text (above 18pt) WCAG AA × Fail

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 46.2011, 42.2372, 76.2385 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 46.2011, 42.2372, 76.2385

Background



This preview shows how black text looks on a background with the XYZ color 46.2011, 42.2372, 76.2385.



This preview shows how white text looks on a background with the XYZ color 46.2011, 42.2372,

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

46.2011, 42.2372, 76.2385

Protanopia

42.9959, 42.4313, 80.0527

Deuteranopia

43.3992, 42.4529, 75.7189



Tritanopia

41.2946, 42.1642, 52.4164

Trichromacy



Original Color

46.2011, 42.2372, 76.2385

Protanomaly

43.9894, 42.1375, 78.4879

Deuteranomaly

44.3018, 42.3616, 75.6537

Tritanomaly

42.9734, 42.0110, 60.4876

Monochromacy



Original Color

46.2011, 42.2372, 76.2385

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.2716, 43.3659, 57.1287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2011, 42.2372, 76.2385 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, 165, 224)` looks like.

```
.text, #text, p{  
    color:rgb(182, 165, 224)  
}
```

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, 165, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 165, 224) }
```

Border

The CSS property to change the border of an element to XYZ 46.2011, 42.2372, 76.2385 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, 165, 224) }
```


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

```
.border{ border-color:rgb(182, 165, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 165, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 165, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 165, 224);  
box-shadow:4px 4px 4px 4px rgb(182, 165,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2011, 42.2372, 76.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 165, 224) }
```

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

```
.background{ background-color: rgb(182,  
165, 224) }
```

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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