

Converting Colors

XYZ(41.5066, 32.2786, 75.2769)

Have a look what the booklet for
XYZ(41.5066, 32.2786, 75.2769)
contains.

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Color

**XYZ(41.5066, 32.2786,
75.2769)**

Conversions

Conversions Part 1

Format	Color
Hex	B785E1
RGB	183, 133, 225
RGB Percent	72%, 52%, 88%
CMY	0.2823, 0.4784, 0.1176
CMYK	0.19, 0.41, 0.00, 0.12
HSL	273°, 61%, 70%
HSV	273°, 41%, 88%
XYZ	41.5066, 32.2786, 75.2769
YIQ	158.4380, 0.2680, 39.2120

Conversions

Conversions Part 2

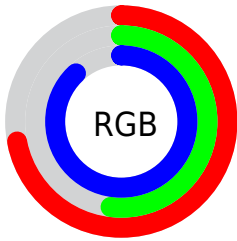
Format	Color
RYB	183, 133, 225
Decimal	12027361
CIELab	63.57, 36.36, -39.65
CIELCh	64, 53.797, 312.516
Yxy	32.2786, 0.2785, 0.2165
Android (android.graphics.Color)	4290217441 (0xFFB785E1)
YUV	158.4380, 32.8151, 21.5409
Hunter-Lab	56.8143, 30.9812, -38.7872

Details

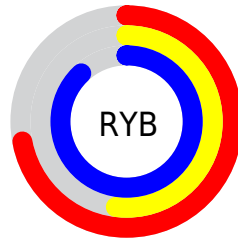
The XYZ color **41.5066, 32.2786, 75.2769** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **48.8389, 64.6586, 32.0979**, and the grayscale version is **32.5547, 34.2501, 37.2984**.

A 20% lighter version of the original color is **71.7555, 61.2859, 102.6552**, and **19.0808, 13.4884, 39.1340** is the 20% darker color. If you saturate the color by 10%, you get **36.3952, 25.5507, 74.2482**, and if you desaturate by 10%, it is **47.4583, 40.4205, 76.5353**.

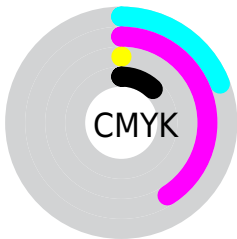
Distribution



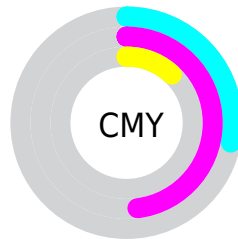
- Red (72%)
- Green (52%)
- Blue (88%)



- Red (72%)
- Yellow (52%)
- Blue (88%)



- Cyan (19%)
- Magenta (41%)
- Yellow (0%)
- Black (12%)




- Cyan (28%)
- Magenta (48%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5066, 32.2786, 75.2769 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 41.5066, 32.2786, 75.2769 by changing the saturation by 10% instead.


 41.5066, 32.2786,
75.2769


 41.5066, 32.2786,
75.2769

343.4600,
312.3864, 498.1496


 28.9046, 21.5744,
55.3367


 76.7222, 63.2476,
128.4549

 19.1526, 13.5445,
39.2709


 100.0665, 84.2812,
162.5299

 11.8852, 7.8046,
26.6611


 127.7222,
109.5266, 202.1534

 6.7372, 3.9701,
17.0887

160.0547,
139.3684, 247.7441

 3.3432, 1.6569,
10.1351

197.4294,
174.1909, 299.7205

 1.3377, 0.3955,
5.3819

240.2116,

 0.2112, 0.0000,

214.3784, 358.5012

2.4104

288.7667,
260.3155, 424.5047

■ 0.0000, 0.0000,
0.7921

■ 0.0000, 0.0000,
0.0000

■ 41.5066, 32.2786,
75.2769

■ 41.5066, 32.2786,
75.2769

■ 36.3952, 25.5507,
74.2482

■ 47.4583, 40.4205,
76.5353

■ 32.0744, 20.1459,
73.4327


■ 54.2894, 50.0518,
78.0343

■ 28.4940, 15.9684,
72.8151


■ 62.0402, 61.2473,
79.7867


■ 25.5956, 12.9076,
72.3771


■ 70.7475, 74.0753,
81.8038


 23.3100, 10.8314,
72.0968

 80.4461, 88.6000,
84.0962

 21.6570, 9.5946,
71.9452

 86.8788, 96.3027,
85.2440

 90.5555, 98.1981,
85.4160

 90.5907, 98.2163,
85.4177

Harmonies

Analogous

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



33.9160, 32.2786, 92.9302



41.5066, 32.2786, 75.2769



46.6119, 32.2786, 49.0880

Triad

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



41.5066, 32.2786, 75.2769



35.2246, 32.2786, 8.6215



18.6344, 32.2786, 44.8890

Complementary

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



41.5066, 32.2786, 75.2769



48.8389, 64.6586, 32.0979

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.



18.8676, 32.2786, 24.1305



41.5066, 32.2786, 75.2769



27.6564, 32.2786, 8.2631

Square

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



41.5066, 32.2786, 75.2769



42.5982, 32.2786, 13.9554



21.9214, 32.2786, 12.6308



21.2218, 32.2786, 71.1448

Rectangle

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



41.5066, 32.2786, 75.2769



47.4803, 32.2786, 33.3618



21.9214, 32.2786, 12.6308



18.3993, 32.2786, 36.9926

Sweetspot

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



41.5078, 32.2799, 75.2776



81.0994, 79.4527, 105.6693



38.7769, 41.4485, 77.1913



17.0577, 16.5687, 22.5490



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.



41.5078, 32.2799, 75.2776



49.3170, 35.1986, 98.8025



52.6156, 38.0541, 73.6330



13.6603, 13.6084, 17.2944



12.6161, 5.5992, 41.4642



0.9774, 0.4411, 2.8789

Inverse Universe

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



47.1776, 35.8789, 44.9972



58.2088, 40.8304, 51.8784



41.0478, 60.6172, 32.8556



13.9661, 13.8041, 15.5919



19.3532, 9.8083, 8.5255



1.3862, 0.6978, 0.8267

Previews

White Background



This preview shows how the XYZ color 41.5066, 32.2786, 75.2769 looks on a white background.

Color Contrast Check

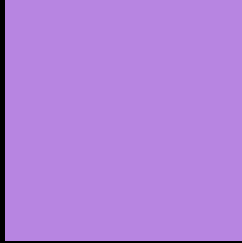
Large Text (above 18pt) WCAG AA × Fail

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 41.5066, 32.2786, 75.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

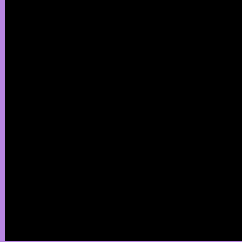
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5066, 32.2786, 75.2769

Background



This preview shows how black text looks on a background with the XYZ color 41.5066, 32.2786, 75.2769.



This preview shows how white text looks on a background with the XYZ color 41.5066, 32.2786,

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

41.5066, 32.2786, 75.2769

Protanopia

34.6799, 32.4894, 86.8813

Deuteranopia

33.3445, 32.5921, 72.9401



Tritanopia

33.7050, 32.1413, 37.2283

Trichromacy



Original Color

41.5066, 32.2786, 75.2769

Protanomaly

36.4703, 31.8740, 82.8274

Deuteranomaly

35.6764, 32.1276, 73.4281

Tritanomaly

36.1247, 31.9950, 49.0714

Monochromacy



Original Color

41.5066, 32.2786, 75.2769

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

35.1273, 33.0878, 48.7911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5066, 32.2786, 75.2769 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(183, 133, 225)` looks like.

```
.text, #text, p{  
    color:rgb(183, 133, 225)  
}
```

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(183, 133, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 133, 225) }
```

Border

The CSS property to change the border of an element to XYZ 41.5066, 32.2786, 75.2769 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(183, 133, 225) }
```


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

```
.border{ border-color:rgb(183, 133, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 133, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 133, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 133, 225);  
box-shadow:4px 4px 4px 4px rgb(183, 133,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5066, 32.2786, 75.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 133, 225) }
```

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

```
.background{ background-color: rgb(183,  
133, 225) }
```

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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