

Converting Colors

XYZ(42.2032, 32.4466, 47.7545)

Have a look what the booklet for
XYZ(42.2032, 32.4466, 47.7545)
contains.

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Color

**XYZ(42.2032, 32.4466,
47.7545)**

Conversions

Conversions Part 1

Format	Color
Hex	D081B5
RGB	208, 129, 181
RGB Percent	82%, 51%, 71%
CMY	0.1843, 0.4941, 0.2902
CMYK	0.00, 0.38, 0.13, 0.18
HSL	321°, 46%, 66%
HSV	321°, 38%, 82%
XYZ	42.2032, 32.4466, 47.7545
YIQ	158.5490, 30.3920, 32.9200

Conversions

Conversions Part 2

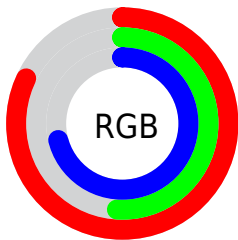
Format	Color
R _Y B	208, 129, 181
Decimal	13664693
CIE Lab	63.71, 37.87, -14.52
CIE LCh	64, 40.562, 339.019
Yxy	32.4466, 0.3448, 0.2651
Android (android.graphics.Color)	4291854773 (0xFFD081B5)
YUV	158.5490, 11.0683, 43.3685
Hunter-Lab	56.9619, 32.5677, -9.8329

Details

The XYZ color **42.2032, 32.4466, 47.7545** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.6113, 52.1802, 39.5443**, and the grayscale version is **32.6912, 34.3937, 37.4548**.

A 20% lighter version of the original color is **73.4595, 61.2414, 88.0698**, and **19.5696, 13.6827, 22.0317** is the 20% darker color. If you saturate the color by 10%, you get **39.0263, 27.2302, 43.1880**, and if you desaturate by 10%, it is **45.9769, 38.7962, 52.7043**.

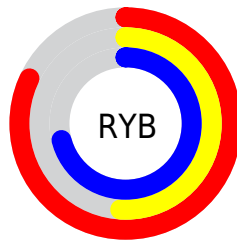
Distribution



Red (82%)

Green (51%)

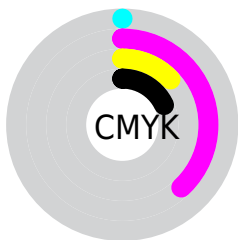
Blue (71%)



Red (82%)

Yellow (51%)

Blue (71%)

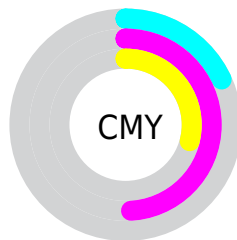


Cyan (0%)

Magenta (38%)

Yellow (13%)

Black (18%)



Cyan (18%)


Magenta (49%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.2032, 32.4466, 47.7545 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 42.2032, 32.4466, 47.7545 by changing the saturation by 10% instead.


 42.2032, 32.4466,
47.7545


 42.2032, 32.4466,
47.7545


346.3019,
313.1487, 394.2988


 29.4522, 21.7028,
33.2739

 77.7703, 63.5106,
88.2005

 19.5692, 13.6387,
22.0635


 101.3172, 84.5996,
115.0030

 12.1887, 7.8698,
13.7048


 129.1934,
109.9058, 146.7499

 6.9455, 4.0118,
7.7793

161.7642,
139.8136, 183.8597

 3.4740, 1.6801,
3.8683

199.3952,
174.7074, 226.7509

 1.4091, 0.4108,
1.5534

242.4515,

 0.2627, 0.0000,

214.9715, 275.8421

0.2572

291.2987,
260.9905, 331.5519

■ 0.0000, 0.0000,
0.0000

■ 42.2032, 32.4466,
47.7545

■ 42.2032, 32.4466,
47.7545

■ 39.0263, 27.2302,
43.1880

■ 45.9769, 38.7962,
52.7043

■ 36.4087, 23.0741,
38.9885

■ 50.3763, 46.3370,
58.0487

■ 34.3130, 19.9041,
35.1412

■ 55.4317, 55.1285,
63.8007

■ 32.6958, 17.6343,
31.6288

■ 61.1705, 65.2249,
69.9720

■ 31.5064, 16.1639,
28.4314

■ 67.6187, 76.6772,
76.5737

■ 30.6708, 15.3463,
25.5215

■ 74.8009, 89.5335,
83.6164

■ 30.5214, 15.2135,
24.9601

■ 76.1635, 90.6863,
88.9181

■ 77.1870, 91.0958,
94.3080

■ 78.2518, 91.5217,
99.9150

Harmonies

Analogous

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



38.2398, 32.4466, 65.6309



42.2032, 32.4466, 47.7545



42.9335, 32.4466, 30.6485

Triad

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



42.2032, 32.4466, 47.7545



29.1588, 32.4466, 12.5651



23.1081, 32.4466, 58.9087

Complementary

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



42.2032, 32.4466, 47.7545



37.6113, 52.1802, 39.5443

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.



21.2611, 32.4466, 40.4629



42.2032, 32.4466, 47.7545



24.4614, 32.4466, 16.1725

Square

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



42.2032, 32.4466, 47.7545



34.9180, 32.4466, 13.4312



21.7241, 32.4466, 25.2704



27.0917, 32.4466, 73.3238

Rectangle

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



42.2032, 32.4466, 47.7545



41.4106, 32.4466, 22.2233



21.7241, 32.4466, 25.2704



22.2404, 32.4466, 52.7795

Sweetspot

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



42.2042, 32.4481, 47.7552



85.2399, 82.7886, 98.2041



32.8185, 27.2579, 63.2067



18.0059, 17.3041, 20.7497



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.



42.2042, 32.4481, 47.7552



62.5394, 44.2525, 69.4732



38.7590, 31.0700, 29.6128



12.1319, 11.9375, 13.9706



19.0693, 9.5006, 15.8032



1.1026, 0.5458, 1.0754

Inverse Universe

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



42.2042, 32.4481, 47.7552



62.5394, 44.2525, 69.4732



41.4418, 53.7124, 59.7153



12.1319, 11.9375, 13.9706



19.0693, 9.5006, 15.8032



1.1026, 0.5458, 1.0754

Previews

White Background



This preview shows how the XYZ color 42.2032, 32.4466, 47.7545 looks on a white background.

Color Contrast Check

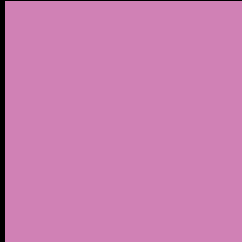
Large Text (above 18pt) WCAG AA × Fail

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 42.2032, 32.4466, 47.7545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

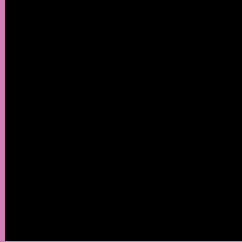
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2032, 32.4466, 47.7545

Background



This preview shows how black text looks on a background with the XYZ color 42.2032, 32.4466, 47.7545.



This preview shows how white text looks on a background with the XYZ color 42.2032, 32.4466,

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

42.2032, 32.4466, 47.7545

Protanopia

32.9120, 32.6993, 58.0030

Deuteranopia

33.3005, 32.6785, 46.1474



Tritanopia

38.8943, 32.5210, 31.4214

Trichromacy



Original Color

42.2032, 32.4466, 47.7545

Protanomaly

35.4240, 31.9678, 54.1725

Deuteranomaly

35.9898, 32.2064, 46.4391

Tritanomaly

39.8224, 32.2574, 36.9283

Monochromacy



Original Color

42.2032, 32.4466, 47.7545

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.6964, 33.3169, 41.1086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2032, 32.4466, 47.7545 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(208, 129, 181)` looks like.

```
.text, #text, p{  
    color:rgb(208, 129, 181)  
}
```

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(208, 129, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 129, 181) }
```

Border

The CSS property to change the border of an element to XYZ 42.2032, 32.4466, 47.7545 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(208, 129, 181) }
```


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

```
.border{ border-color:rgb(208, 129, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 129, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 129, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 129, 181);  
box-shadow:4px 4px 4px 4px rgb(208, 129,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2032, 32.4466, 47.7545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 129, 181) }
```

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

```
.background{ background-color: rgb(208,  
129, 181) }
```

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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