

Converting Colors

XYZ(42.4607, 32.6914, 47.3453)

Have a look what the booklet for
XYZ(42.4607, 32.6914, 47.3453)
contains.

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Color

**XYZ(42.5153, 32.8159,
47.2733)**

Conversions

Conversions Part 1

Format	Color
Hex	D182B4
RGB	209, 130, 180
RGB Percent	82%, 51%, 71%
CMY	0.1804, 0.4902, 0.2941
CMYK	0.00, 0.38, 0.14, 0.18
HSL	322°, 46%, 66%
HSV	322°, 38%, 82%
XYZ	42.5153, 32.8159, 47.2733
YIQ	159.3210, 31.0340, 32.2980

Conversions

Conversions Part 2

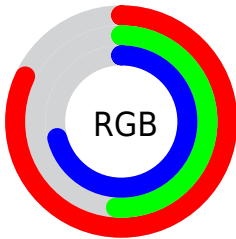
Format	Color
R _{YB}	209, 130, 180
Decimal	13730484
CIE Lab	64.01, 37.51, -13.49
CIE LCh	64, 39.864, 340.218
Yxy	32.8159, 0.3468, 0.2677
Android (android.graphics.Color)	4291920564 (0xFFD182B4)
YUV	159.3210, 10.1947, 43.5685
Hunter-Lab	57.2852, 32.2282, -8.8281

Details

The XYZ color **42.5153, 32.8159, 47.2733** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **38.2658, 52.8508, 40.9877**, and the grayscale version is **33.0473, 34.7683, 37.8627**.

A 20% lighter version of the original color is **73.5208, 61.5971, 87.3713**, and **19.7636, 13.8966, 21.7193** is the 20% darker color. If you saturate the color by 10%, you get **39.2525, 27.5064, 42.4356**, and if you desaturate by 10%, it is **46.3880, 39.2750, 52.5285**.

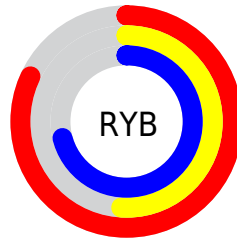
Distribution



Red (82%)

Green (51%)

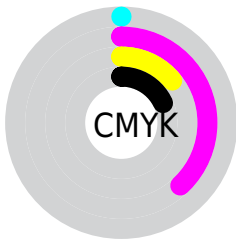
Blue (71%)



Red (82%)

Yellow (51%)

Blue (71%)

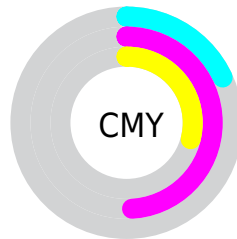


Cyan (0%)

Magenta (38%)

Yellow (14%)

Black (18%)



Cyan (18%)


Magenta (49%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5153, 32.8159, 47.2733 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 42.5153, 32.8159, 47.2733 by changing the saturation by 10% instead.


 42.5153, 32.8159,
47.2733


 42.5153, 32.8159,
47.2733


347.5700,
314.8194, 392.3297

 29.6979, 21.9855,
32.8959


 78.2392, 64.0880,
87.4757

 19.7563, 13.8462,
21.7762


 101.8764, 85.2984,
114.1377

 12.3253, 8.0138,
13.4958


 129.8508,
110.7377, 145.7317

 7.0394, 4.1038,
7.6361

162.5280,
140.7901, 182.6761

 3.5333, 1.7318,
3.7786

200.2731,
175.8400, 225.3896

 1.4416, 0.4441,
1.5047

243.4516,

 0.2856, 0.0000,

216.2720, 274.2907

0.2214

292.4288,
262.4703, 329.7979

■ 0.0000, 0.0000,
0.0000

■ 42.5153, 32.8159,
47.2733

■ 42.5153, 32.8159,
47.2733

■ 39.2525, 27.5064,
42.4356

■ 46.3880, 39.2750,
52.5285

■ 36.5615, 23.2727,
37.9983

■ 50.8997, 46.9423,
58.2131

■ 34.4043, 20.0398,
33.9455

■ 56.0813, 55.8780,
64.3412

■ 32.7372, 17.7210,
30.2590

■ 61.9607, 66.1368,
70.9252

■ 31.5085, 16.2146,
26.9179

■ 68.5642, 77.7704,
77.9769

■ 30.6453, 15.3756,
23.8942

■ 75.7871, 90.5684,
85.4646

■ 30.4783, 15.2289,
23.2616

■ 76.8641, 90.9992,
91.1362

■ 77.9889, 91.4491,
97.0591

■ 79.1619, 91.9183,
103.2364

Harmonies

Analogous

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



38.7085, 32.8159, 64.9872



42.5153, 32.8159, 47.2733



43.0917, 32.8159, 30.5129

Triad

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



42.5153, 32.8159, 47.2733



29.3109, 32.8159, 13.0940



23.6391, 32.8159, 59.6961

Complementary

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



42.5153, 32.8159, 47.2733



38.2658, 52.8508, 40.9877

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.



21.7111, 32.8159, 41.5123



42.5153, 32.8159, 47.2733



24.7150, 32.8159, 16.9132

Square

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



42.5153, 32.8159, 47.2733



34.9962, 32.8159, 13.7905



22.0798, 32.8159, 26.2392



27.6713, 32.8159, 73.5233

Rectangle

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



42.5153, 32.8159, 47.2733



41.5014, 32.8159, 22.2985



22.0798, 32.8159, 26.2392



22.7468, 32.8159, 53.6981

Sweetspot

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



42.5163, 32.8174, 47.2740



85.1315, 82.7452, 97.6329



33.7842, 27.9381, 63.9339



17.9800, 17.2937, 20.6133



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.



42.5163, 32.8174, 47.2740



62.6489, 44.8870, 68.2293



39.0514, 31.4315, 29.0281



12.1190, 11.9323, 13.9025



18.8408, 9.4092, 14.5998



1.0910, 0.5411, 1.0138

Inverse Universe

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



42.5163, 32.8174, 47.2740



62.6489, 44.8870, 68.2293



42.2544, 54.4463, 61.9916



12.1190, 11.9323, 13.9025



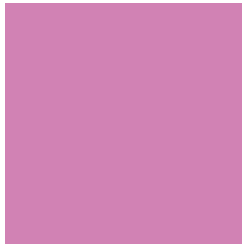
18.8408, 9.4092, 14.5998



1.0910, 0.5411, 1.0138

Previews

White Background



This preview shows how the XYZ color 42.5153, 32.8159, 47.2733 looks on a white background.

Color Contrast Check

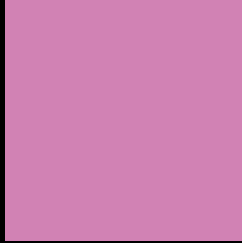
Large Text (above 18pt) WCAG AA × Fail

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 42.5153, 32.8159, 47.2733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

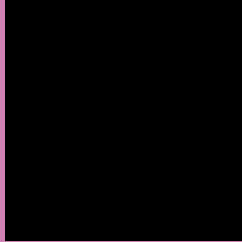
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5153, 32.8159, 47.2733

Background



This preview shows how black text looks on a background with the XYZ color 42.5153, 32.8159, 47.2733.



This preview shows how white text looks on a background with the XYZ color 42.5153, 32.8159,

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

42.5153, 32.8159, 47.2733

Protanopia

33.1965, 33.1165, 56.8670

Deuteranopia

33.6010, 32.8449, 45.6430



Tritanopia

39.2475, 32.6940, 31.8458

Trichromacy



Original Color

42.5153, 32.8159, 47.2733

Protanomaly

35.5681, 32.2933, 53.0738

Deuteranomaly

36.1184, 32.2842, 45.9228

Tritanomaly

40.2367, 32.6752, 36.9871

Monochromacy



Original Color

42.5153, 32.8159, 47.2733

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 42.5153, 32.8159, 47.2733 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(209, 130, 180)` looks like.

```
.text, #text, p{  
    color:rgb(209, 130, 180)  
}
```

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(209, 130, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 130, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.5153, 32.8159, 47.2733 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(209, 130, 180) }
```


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

```
.border{ border-color:rgb(209, 130, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 130, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 130, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 130, 180);  
box-shadow:4px 4px 4px 4px rgb(209, 130,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5153, 32.8159, 47.2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 130, 180) }
```

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

```
.background{ background-color: rgb(209,  
130, 180) }
```

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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