

Converting Colors

XYZ(50.2608, 40.2941, 64.8005)

Have a look what the booklet for
XYZ(50.2608, 40.2941, 64.8005)
contains.

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Color

**XYZ(50.2940, 40.3328,
64.8087)**

Conversions

Conversions Part 1

Format	Color
Hex	D894D0
RGB	216, 148, 208
RGB Percent	85%, 58%, 82%
CMY	0.1529, 0.4196, 0.1843
CMYK	0.00, 0.31, 0.04, 0.15
HSL	307°, 47%, 71%
HSV	307°, 31%, 85%
XYZ	50.2940, 40.3328, 64.8087
YIQ	175.1720, 21.2680, 33.0760

Conversions

Conversions Part 2

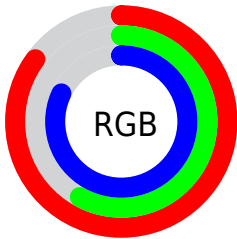
Format	Color
R _Y B	216, 148, 208
Decimal	14193872
CIE Lab	69.71, 34.99, -20.47
CIE LCh	70, 40.541, 329.677
Yxy	40.3328, 0.3236, 0.2595
Android (android.graphics.Color)	4292383952 (0xFFD894D0)
YUV	175.1720, 16.1842, 35.8062
Hunter-Lab	63.5081, 30.2204, -16.0485

Details

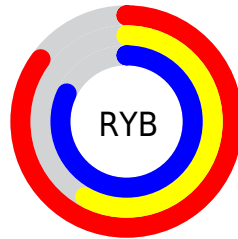
The XYZ color **50.2940, 40.3328, 64.8087** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.7711, 57.8093, 40.3590**, and the grayscale version is **40.7488, 42.8709, 46.6864**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **24.4298, 18.1392, 32.3506** is the 20% darker color. If you saturate the color by 10%, you get **46.9070, 34.0546, 62.1497**, and if you desaturate by 10%, it is **54.3207, 47.8809, 67.7066**.

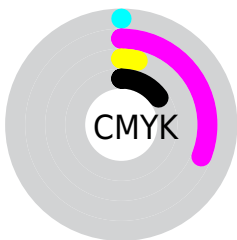
Distribution



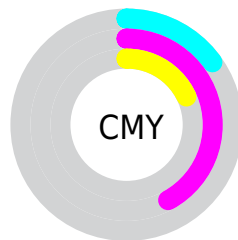
- Red (85%)
- Green (58%)
- Blue (82%)



- Red (85%)
- Yellow (58%)
- Blue (82%)



- Cyan (0%)
- Magenta (31%)
- Yellow (4%)
- Black (15%)





- Cyan (15%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.2940, 40.3328, 64.8087 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 50.2940, 40.3328, 64.8087 by changing the saturation by 10% instead.

 50.2940, 40.3328,
64.8087


 50.2940, 40.3328,
64.8087


378.2476,
347.5243, 460.3916

 35.8658, 27.7981,
46.8556


 89.7995, 75.6700,
113.3854

 24.5002, 18.1735,
32.5680


 115.6076, 99.2414,
144.8461

 15.8318, 11.0746,
21.5273


145.9397,
127.2604, 181.6465

 9.4953, 6.1171,
13.3150

181.1611,
160.1114, 224.2050

 5.1253, 2.9164,
7.5125

221.6373,
198.1790, 272.9402

 2.3565, 1.0882,
3.7014

267.7335,

 0.8233, 0.0000,

241.8474, 328.2707

1.4630

319.8151,
291.5010, 390.6150

■ 0.0000, 0.0000,
0.1901

■ 0.0000, 0.0000,
0.0000

■ 50.2940, 40.3328,
64.8087

■ 50.2940, 40.3328,
64.8087

■ 46.9070, 34.0546,
62.1497

■ 54.3207, 47.8809,
67.7066

■ 44.1207, 28.9704,
59.7150

■ 59.0158, 56.7587,
70.8516

■ 41.8976, 25.0047,
57.4926

■ 64.4109, 67.0283,
74.2550

■ 40.1945, 22.0711,
55.4679

■ 70.5344, 78.7466,
77.9263

■ 38.9618, 20.0704,
53.6243

■ 77.0916, 91.3241,
81.7672

■ 38.1402, 18.8842,
51.9418

■ 77.4323, 91.4603,
83.5613

■ 37.6778, 18.3425,
50.6065

■ 77.7782, 91.5987,
85.3825

■ 78.1292, 91.7391,
87.2309

■ 78.4854, 91.8816,
89.1066

Harmonies

Analogous

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



44.9296, 40.3328, 83.4001



50.2940, 40.3328, 64.8087



52.3915, 40.3328, 44.1195

Triad

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



50.2940, 40.3328, 64.8087



38.4063, 40.3328, 16.7803



28.3820, 40.3328, 64.3526

Complementary

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



50.2940, 40.3328, 64.8087



42.7711, 57.8093, 40.3590

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.



27.0487, 40.3328, 43.7122



50.2940, 40.3328, 64.8087



32.4197, 40.3328, 19.4024

Square

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



50.2940, 40.3328, 64.8087



45.0666, 40.3328, 19.5208



28.4402, 40.3328, 28.0778



32.3097, 40.3328, 83.0882

Rectangle

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



50.2940, 40.3328, 64.8087



51.4893, 40.3328, 32.8344



28.4402, 40.3328, 28.0778



27.6369, 40.3328, 57.2454

Sweetspot

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



50.2953, 40.3346, 64.8096



87.7289, 86.0487, 104.3299



36.6838, 33.2010, 69.4417



18.5415, 17.9695, 22.1791



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.



50.2953, 40.3346, 64.8096



69.7522, 52.2551, 91.6787



46.5568, 38.8392, 45.1232



12.8872, 12.6064, 15.3461



22.3274, 10.8673, 30.0916



1.3649, 0.6627, 1.9109

Inverse Universe

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



50.2953, 40.3346, 64.8096



69.7522, 52.2551, 91.6787



46.0571, 59.1237, 57.6631



12.8872, 12.6064, 15.3461



22.3274, 10.8673, 30.0916



1.3649, 0.6627, 1.9109

Previews

White Background



This preview shows how the XYZ color 50.2940, 40.3328, 64.8087 looks on a white background.

Color Contrast Check

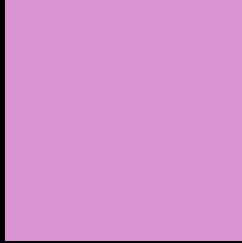
Large Text (above 18pt) WCAG AA × Fail

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 50.2940, 40.3328, 64.8087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

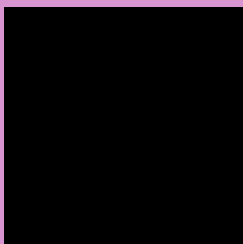
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2940, 40.3328, 64.8087

Background



This preview shows how black text looks on a background with the XYZ color 50.2940, 40.3328, 64.8087.



This preview shows how white text looks on a background with the XYZ color 50.2940, 40.3328,

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

50.2940, 40.3328, 64.8087

Protanopia

41.2176, 40.7716, 75.5093

Deuteranopia

41.6327, 40.7031, 63.4198



Tritanopia

45.8203, 40.4530, 42.4390

Trichromacy



Original Color

50.2940, 40.3328, 64.8087



Protanomaly

43.7599, 40.0167, 71.7473



Deuteranomaly

44.2049, 40.1626, 63.8148



Tritanomaly

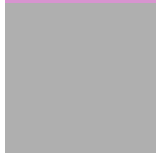
47.3790, 40.3475, 50.0904

Monochromacy



Original Color

50.2940, 40.3328, 64.8087



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

43.6600, 41.4453, 52.7123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2940, 40.3328, 64.8087 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(216, 148, 208)` looks like.

```
.text, #text, p{  
    color:rgb(216, 148, 208)  
}
```

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(216, 148, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 148, 208) }
```

Border

The CSS property to change the border of an element to XYZ 50.2940, 40.3328, 64.8087 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(216, 148, 208) }
```


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

```
.border{ border-color:rgb(216, 148, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 148, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 148, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 148, 208);  
box-shadow:4px 4px 4px 4px rgb(216, 148,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2940, 40.3328, 64.8087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 148, 208) }
```

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

```
.background{ background-color: rgb(216,  
148, 208) }
```

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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