

Converting Colors

XYZ(48.3534, 40.8619, 58.6773)

Have a look what the booklet for
XYZ(48.3534, 40.8619, 58.6773)
contains.

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Color

**XYZ(48.3270, 40.8901,
58.7715)**

Conversions

Conversions Part 1

Format	Color
Hex	D29AC6
RGB	210, 154, 198
RGB Percent	82%, 60%, 78%
CMY	0.1765, 0.3961, 0.2235
CMYK	0.00, 0.27, 0.06, 0.18
HSL	313°, 38%, 71%
HSV	313°, 27%, 82%
XYZ	48.3270, 40.8901, 58.7715
YIQ	175.7600, 19.2520, 25.5560

Conversions

Conversions Part 2

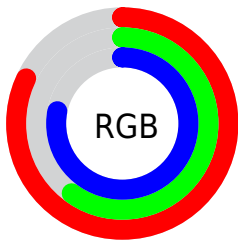
Format	Color
R_{YB}	210, 154, 198
Decimal	13802182
CIE _{Lab}	70.10, 27.96, -14.40
CIE _{LCh}	70, 31.447, 332.757
Yxy	40.8901, 0.3266, 0.2763
Android (android.graphics.Color)	4291992262 (0xFFD29AC6)
YUV	175.7600, 10.9643, 30.0285
Hunter-Lab	63.9454, 22.9978, -9.7310

Details

The XYZ color **48.3270, 40.8901, 58.7715** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.2577, 55.7176, 44.5536**, and the grayscale version is **41.0807, 43.2201, 47.0667**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **23.3030, 18.4849, 28.7253** is the 20% darker color. If you saturate the color by 10%, you get **44.6484, 34.3508, 55.0224**, and if you desaturate by 10%, it is **52.6298, 48.6518, 62.8057**.

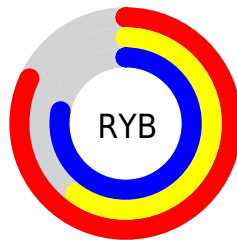
Distribution



Red (82%)

Green (60%)

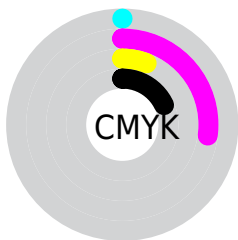
Blue (78%)



Red (82%)

Yellow (60%)

Blue (78%)

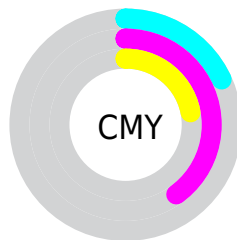


Cyan (0%)

Magenta (27%)

Yellow (6%)

Black (18%)



Cyan (18%)


Magenta (40%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3270, 40.8901, 58.7715 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 48.3270, 40.8901, 58.7715 by changing the saturation by 10% instead.


 48.3270, 40.8901,
58.7715


 48.3270, 40.8901,
58.7715


370.6479,
349.8611, 437.7329

 34.2982, 28.2332,
42.0104


 86.8978, 76.5170,
104.5713

 23.2868, 18.5015,
28.7838


 112.1706,
100.2559, 134.4472

 14.9273, 11.3107,
18.6732

141.9221,
128.4575, 169.5317

 8.8543, 6.2762,
11.2599

176.5177,
161.5063, 210.2433

 4.7026, 3.0137,
6.1256

216.3227,
199.7867, 257.0008

 2.1068, 1.1389,
2.8516

261.7025,

 0.6929, 0.0109,

243.6830, 310.2225

1.0194

313.0224,
293.5797, 370.3270

■ 0.0000, 0.0000,
0.0000

■ 48.3270, 40.8901,
58.7715

■ 48.3270, 40.8901,
58.7715

■ 44.6484, 34.3508,
55.0224

■ 52.6298, 48.6518,
62.8057

■ 41.5587, 28.9653,
51.5446

■ 57.5825, 57.6891,
67.1328

■ 39.0244, 24.6665,
48.3267

■ 63.2138, 68.0586,
71.7635

■ 37.0072, 21.3779,
45.3554

■ 69.5498, 79.8121,
76.7071

■ 35.4641, 19.0136,
42.6155

■ 75.3237, 90.4158,
81.5420

■ 34.3445, 17.4727,
40.0896

■ 75.9297, 90.6582,
84.7335

■ 33.5834, 16.6253,
37.7553

■ 76.5520, 90.9071,
88.0103

■ 33.3699, 16.4183,
37.0060

■ 77.1906, 91.1626,
91.3729

■ 77.8456, 91.4246,
94.8221

Harmonies

Analogous

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



44.4594, 40.8901, 72.8086



48.3270, 40.8901, 58.7715



49.5919, 40.8901, 43.1753

Triad

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



48.3270, 40.8901, 58.7715



38.3915, 40.8901, 21.8186



31.1342, 40.8901, 61.6539

Complementary

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



48.3270, 40.8901, 58.7715



43.2577, 55.7176, 44.5536

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.



29.8082, 40.8901, 45.8972



48.3270, 40.8901, 58.7715



33.7605, 40.8901, 24.7145

Square

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



48.3270, 40.8901, 58.7715



43.5651, 40.8901, 23.8067



30.7261, 40.8901, 32.7853



34.5153, 40.8901, 74.7140

Rectangle

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



48.3270, 40.8901, 58.7715



48.7059, 40.8901, 34.4497



30.7261, 40.8901, 32.7853



30.4475, 40.8901, 56.3888

Sweetspot

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



48.3282, 40.8919, 58.7724



88.1879, 87.3895, 103.1796



38.7490, 35.7873, 65.8389



18.6162, 18.2298, 21.8618



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.



48.3282, 40.8919, 58.7724



71.6215, 57.4452, 87.8272



45.4671, 39.7475, 43.7058



12.1978, 11.9639, 14.3173



20.3932, 10.0301, 22.7745



1.1680, 0.5719, 1.4193

Inverse Universe

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



48.3282, 40.8919, 58.7724



71.6215, 57.4452, 87.8272



46.0225, 56.8236, 59.1129



12.1978, 11.9639, 14.3173



20.3932, 10.0301, 22.7745



1.1680, 0.5719, 1.4193

Previews

White Background



This preview shows how the XYZ color 48.3270, 40.8901, 58.7715 looks on a white background.

Color Contrast Check

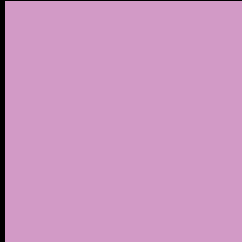
Large Text (above 18pt) WCAG AA × Fail

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 48.3270, 40.8901, 58.7715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

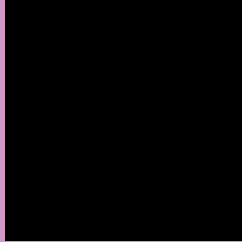
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3270, 40.8901, 58.7715

Background



This preview shows how black text looks on a background with the XYZ color 48.3270, 40.8901, 58.7715.



This preview shows how white text looks on a background with the XYZ color 48.3270, 40.8901,

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

48.3270, 40.8901, 58.7715

Protanopia

40.9876, 41.1394, 66.1020

Deuteranopia

41.9140, 40.9701, 57.9235



Tritanopia

45.2024, 40.8584, 44.0321

Trichromacy



Original Color

48.3270, 40.8901, 58.7715

Protanomaly

43.1173, 40.6620, 63.3336

Deuteranomaly

43.9846, 40.6907, 58.3592

Tritanomaly

46.1296, 40.7155, 49.1437

Monochromacy



Original Color

48.3270, 40.8901, 58.7715

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.3934, 42.1573, 51.1975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3270, 40.8901, 58.7715 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(210, 154, 198)` looks like.

```
.text, #text, p{  
    color:rgb(210, 154, 198)  
}
```

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(210, 154, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 154, 198) }
```

Border

The CSS property to change the border of an element to XYZ 48.3270, 40.8901, 58.7715 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(210, 154, 198) }
```


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

```
.border{ border-color:rgb(210, 154, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 154, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 154, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 154, 198);  
box-shadow:4px 4px 4px 4px rgb(210, 154,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3270, 40.8901, 58.7715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 154, 198) }
```

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

```
.background{ background-color: rgb(210,  
154, 198) }
```

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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