

Converting Colors

XYZ(47.1370, 38.3814, 48.1314)

Have a look what the booklet for
XYZ(47.1370, 38.3814, 48.1314)
contains.

XYZ(47.2771, 38.4515, 48.1101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.2771, 38.4515,
48.1101)**

Conversions

Conversions Part 1

Format	Color
Hex	DA91B4
RGB	218, 145, 180
RGB Percent	85%, 57%, 71%
CMY	0.1451, 0.4314, 0.2941
CMYK	0.00, 0.33, 0.17, 0.15
HSL	331°, 50%, 71%
HSV	331°, 33%, 85%
XYZ	47.2771, 38.4515, 48.1101
YIQ	170.8170, 32.2730, 26.3610

Conversions

Conversions Part 2

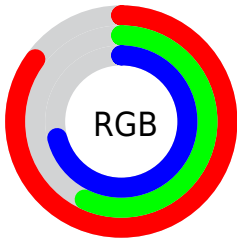
Format	Color
R _Y B	218, 145, 180
Decimal	14324148
CIE Lab	68.35, 32.58, -6.90
CIE LCh	68, 33.299, 348.047
Yxy	38.4515, 0.3532, 0.2873
Android (android.graphics.Color)	4292514228 (0xFFDA91B4)
YUV	170.8170, 4.5272, 41.3795
Hunter-Lab	62.0093, 27.5757, -2.5939

Details

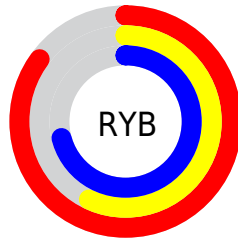
The XYZ color **47.2771, 38.4515, 48.1101** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.2974, 59.5826, 53.9158**, and the grayscale version is **38.5845, 40.5939, 44.2068**.

A 20% lighter version of the original color is **77.0346, 68.6247, 88.5426**, and **22.6454, 17.0424, 22.1746** is the 20% darker color. If you saturate the color by 10%, you get **43.1510, 31.9740, 41.2625**, and if you desaturate by 10%, it is **52.1393, 46.2487, 55.6710**.

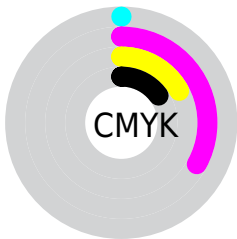
Distribution



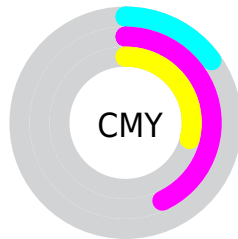
- Red (85%)
- Green (57%)
- Blue (71%)



- Red (85%)
- Yellow (57%)
- Blue (71%)



- Cyan (0%)
- Magenta (33%)
- Yellow (17%)
- Black (15%)





- Cyan (15%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2771, 38.4515, 48.1101 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 47.2771, 38.4515, 48.1101 by changing the saturation by 10% instead.


 47.2771, 38.4515,
48.1101

 47.2771, 38.4515,
48.1101


366.5500,
339.5528, 395.7497

 33.4636, 26.3333,
33.5535


 85.3433, 72.7996,
88.7356

 22.6428, 17.0731,
22.2762


 110.3268, 95.7984,
115.6415

 14.4492, 10.2867,
13.8597

139.7643,
123.1927, 147.5009

 8.5175, 5.5894,
7.8855

174.0212,
155.3671, 184.7324

 4.4824, 2.5971,
3.9351

213.4629,
192.7059, 227.7545

 1.9785, 0.9252,
1.5898

258.4547,

 0.6219, 0.0000,

235.5936, 276.9857

0.2835

309.3619,
284.4144, 332.8446

■ 0.0000, 0.0000,
0.0000

■ 47.2771, 38.4515,
48.1101

■ 47.2771, 38.4515,
48.1101

■ 43.1510, 31.9740,
41.2625

■ 52.1393, 46.2487,
55.6710

■ 39.7186, 26.7365,
35.1016

■ 57.7701, 55.4286,
63.9655

■ 36.9383, 22.6591,
29.6025

■ 64.2041, 66.0567,
73.0160

■ 34.7624, 19.6502,
24.7373

■ 71.4729, 78.1925,
82.8430

■ 33.1360, 17.6041,
20.4750

■ 79.6060, 91.8923,
93.4663

■ 31.9931, 16.3930,
16.7806

■ 81.6314, 93.2086,
102.5711

■ 31.4386, 15.9155,
14.6491

■ 82.7237, 93.6456,
108.3231

Harmonies

Analogous

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



44.5348, 38.4515, 64.1852



47.2771, 38.4515, 48.1101



46.9499, 38.4515, 33.5751

Triad

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



47.2771, 38.4515, 48.1101



33.5237, 38.4515, 20.0447



30.2367, 38.4515, 67.1024

Complementary

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



47.2771, 38.4515, 48.1101



45.2974, 59.5826, 53.9158

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.



27.8069, 38.4515, 51.4230



47.2771, 38.4515, 48.1101



29.5764, 38.4515, 25.4345

Square

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



47.2771, 38.4515, 48.1101



38.6664, 38.4515, 19.5644



27.5773, 38.4515, 36.1891



34.5065, 38.4515, 76.7738

Rectangle

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



47.2771, 38.4515, 48.1101



45.0387, 38.4515, 26.5269



27.5773, 38.4515, 36.1891



29.1960, 38.4515, 62.2093

Sweetspot

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



47.2782, 38.4533, 48.1109



85.3836, 83.9700, 95.4958



42.2430, 35.3473, 70.9265



18.0053, 17.5278, 20.0560



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.



47.2782, 38.4533, 48.1109



63.2802, 48.3020, 61.8036



44.3381, 37.5763, 31.7063



13.3147, 13.1550, 14.9186



18.8886, 9.5565, 9.0593



1.2671, 0.6365, 0.8154

Inverse Universe

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



47.2782, 38.4533, 48.1109



63.2802, 48.3020, 61.8036



49.0903, 60.5968, 75.4393



13.3147, 13.1550, 14.9186



18.8886, 9.5565, 9.0593



1.2671, 0.6365, 0.8154

Previews

White Background



This preview shows how the XYZ color 47.2771, 38.4515, 48.1101 looks on a white background.

Color Contrast Check

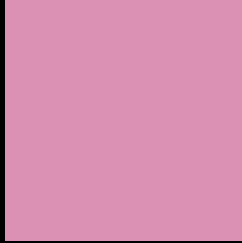
Large Text (above 18pt) WCAG AA × Fail

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 47.2771, 38.4515, 48.1101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

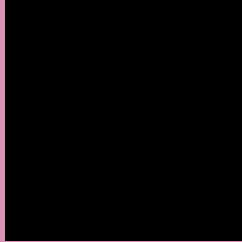
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2771, 38.4515, 48.1101

Background



This preview shows how black text looks on a background with the XYZ color 47.2771, 38.4515, 48.1101.



This preview shows how white text looks on a background with the XYZ color 47.2771, 38.4515,

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

47.2771, 38.4515, 48.1101

Protanopia

38.1621, 38.8041, 55.9307

Deuteranopia

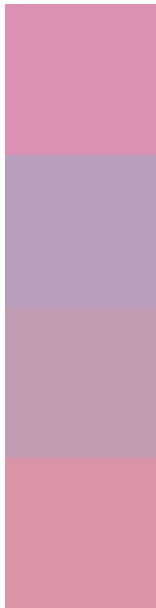
39.4465, 38.5987, 46.9662



Tritanopia

45.4115, 38.6319, 38.3210

Trichromacy



Original Color

47.2771, 38.4515, 48.1101

Protanomaly

40.5954, 38.0296, 52.7778

Deuteranomaly

41.9167, 38.3287, 47.3084

Tritanomaly

46.1802, 38.7215, 41.5993

Monochromacy



Original Color

47.2771, 38.4515, 48.1101

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.2993, 39.5880, 45.5089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2771, 38.4515, 48.1101 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(218, 145, 180)` looks like.

```
.text, #text, p{  
    color:rgb(218, 145, 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(218, 145, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 145, 180) }
```

Border

The CSS property to change the border of an element to XYZ 47.2771, 38.4515, 48.1101 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(218, 145, 180) }
```


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

```
.border{ border-color:rgb(218, 145, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 145, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 145, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 145, 180);  
box-shadow:4px 4px 4px 4px rgb(218, 145,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2771, 38.4515, 48.1101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 145, 180) }
```

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

```
.background{ background-color: rgb(218,  
145, 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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