

Converting Colors

XYZ(47.6057, 37.8955, 55.4222)

Have a look what the booklet for
XYZ(47.6057, 37.8955, 55.4222)
contains.

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Color

**XYZ(47.7670, 38.0941,
55.2874)**

Conversions

Conversions Part 1

Format	Color
Hex	D88FC1
RGB	216, 143, 193
RGB Percent	85%, 56%, 76%
CMY	0.1529, 0.4392, 0.2431
CMYK	0.00, 0.34, 0.11, 0.15
HSL	319°, 48%, 70%
HSV	319°, 34%, 85%
XYZ	47.7670, 38.0941, 55.2874
YIQ	170.5270, 27.4580, 31.0260

Conversions

Conversions Part 2

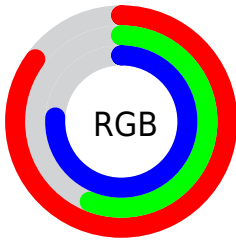
Format	Color
R_{YB}	216, 143, 193
Decimal	14192577
CIE _{Lab}	68.09, 35.07, -14.58
CIE _{LCh}	68, 37.979, 337.432
Yxy	38.0941, 0.3384, 0.2699
Android (android.graphics.Color)	4292382657 (0xFFD88FC1)
YUV	170.5270, 11.0792, 39.8798
Hunter-Lab	61.7204, 30.1350, -9.9060

Details

The XYZ color **47.7670, 38.0941, 55.2874** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.7681, 57.7057, 44.9631**, and the grayscale version is **38.4093, 40.4096, 44.0060**.

A 20% lighter version of the original color is **78.5330, 68.4877, 98.7028**, and **22.8985, 16.8198, 26.4658** is the 20% darker color. If you saturate the color by 10%, you get **44.0896, 31.9259, 50.4017**, and if you desaturate by 10%, it is **52.1060, 45.5282, 60.5668**.

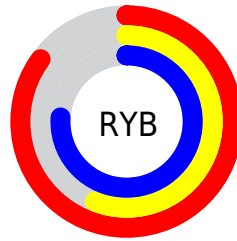
Distribution



Red (85%)

Green (56%)

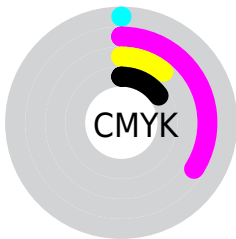
Blue (76%)



Red (85%)

Yellow (56%)

Blue (76%)

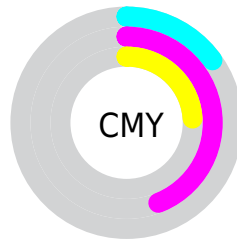


Cyan (0%)

Magenta (34%)

Yellow (11%)

Black (15%)



Cyan (15%)


Magenta (44%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7670, 38.0941, 55.2874 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 47.7670, 38.0941, 55.2874 by changing the saturation by 10% instead.

 47.7670, 38.0941,
55.2874


 47.7670, 38.0941,
55.2874


368.4658,
338.0235, 424.3131

 33.8529, 26.0557,
39.2317


 86.0692, 72.2523,
99.4373

 22.9430, 16.8653,
26.6308


 111.1880, 95.1410,
128.3686

 14.6719, 10.1385,
17.0662


140.7724,
122.4152, 162.4288

 8.6742, 5.4909,
10.1192

175.1877,
154.4594, 202.0365

 4.5847, 2.5381,
5.3714

214.7994,
191.6579, 247.6103

 2.0379, 0.8956,
2.4043

259.9727,

 0.6551, 0.0000,

234.3952, 299.5686

0.7888

311.0731,
283.0555, 358.3300

■ 0.0000, 0.0000,
0.0000

■ 47.7670, 38.0941,
55.2874

■ 47.7670, 38.0941,
55.2874

■ 44.0896, 31.9259,
50.4017

■ 52.1060, 45.5282,
60.5668

■ 41.0338, 26.9465,
45.8929

■ 57.1366, 54.2895,
66.2511

■ 38.5607, 23.0780,
41.7462

■ 62.8911, 64.4414,
72.3535

■ 36.6254, 20.2314,
37.9441

■ 69.3989, 76.0416,
78.8859

■ 35.1759, 18.3036,
34.4669

■ 76.6874, 89.1447,
85.8599

■ 34.1494, 17.1698,
31.2911

■ 78.9069, 92.0502,
91.3273

■ 33.6599, 16.7353,
29.4490

■ 79.9030, 92.4486,
96.5722

■ 80.9369, 92.8622,
102.0171

■ 82.0093, 93.2911,
107.6640

Harmonies

Analogous

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



43.5752, 38.0941, 73.1189



47.7670, 38.0941, 55.2874



48.7064, 38.0941, 37.4030

Triad

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



47.7670, 38.0941, 55.2874



34.7550, 38.0941, 16.8248



27.9006, 38.0941, 64.6123

Complementary

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



47.7670, 38.0941, 55.2874



42.7681, 57.7057, 44.9631

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.



26.0534, 38.0941, 45.8387



47.7670, 38.0941, 55.2874



29.7206, 38.0941, 20.6052

Square

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



47.7670, 38.0941, 55.2874



40.7533, 38.0941, 18.0721



26.6814, 38.0941, 30.1838



32.0126, 38.0941, 79.4458

Rectangle

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



47.7670, 38.0941, 55.2874



47.2777, 38.0941, 28.2006



26.6814, 38.0941, 30.1838



27.0159, 38.0941, 58.3799

Sweetspot

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



47.7682, 38.0958, 55.2882



86.1810, 84.2890, 99.6948



37.7151, 32.5934, 69.2697



18.1984, 17.6051, 21.0727



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.



47.7682, 38.0958, 55.2882



65.4108, 48.4936, 75.0604



44.2799, 36.7006, 36.9196



12.7787, 12.5630, 14.7751



19.9738, 9.9259, 17.6981



1.2414, 0.6134, 1.2607

Inverse Universe

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



47.7682, 38.0958, 55.2882



65.4108, 48.4936, 75.0604



46.4746, 59.1883, 64.4815



12.7787, 12.5630, 14.7751



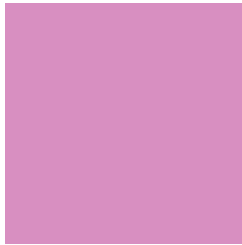
19.9738, 9.9259, 17.6981



1.2414, 0.6134, 1.2607

Previews

White Background



This preview shows how the XYZ color 47.7670, 38.0941, 55.2874 looks on a white background.

Color Contrast Check

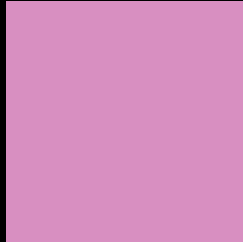
Large Text (above 18pt) WCAG AA × Fail

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 47.7670, 38.0941, 55.2874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

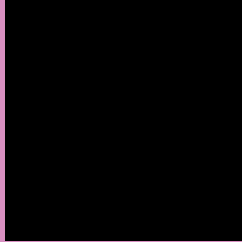
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7670, 38.0941, 55.2874

Background



This preview shows how black text looks on a background with the XYZ color 47.7670, 38.0941, 55.2874.



This preview shows how white text looks on a background with the XYZ color 47.7670, 38.0941,

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

47.7670, 38.0941, 55.2874

Protanopia

38.5506, 38.5323, 65.0801

Deuteranopia

39.2279, 38.3290, 54.0459



Tritanopia

44.2440, 38.0300, 38.2663

Trichromacy



Original Color

47.7670, 38.0941, 55.2874

Protanomaly

41.1966, 37.8907, 61.6423

Deuteranomaly

41.8644, 37.8956, 54.3983

Tritanomaly

45.3207, 37.9921, 43.9743

Monochromacy



Original Color

47.7670, 38.0941, 55.2874

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.3751, 39.3092, 48.0546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7670, 38.0941, 55.2874 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, 143, 193)` looks like.

```
.text, #text, p{  
    color:rgb(216, 143, 193)  
}
```

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, 143, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 143, 193) }
```

Border

The CSS property to change the border of an element to XYZ 47.7670, 38.0941, 55.2874 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, 143, 193) }
```


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

```
.border{ border-color:rgb(216, 143, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 143, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 143, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 143, 193);  
box-shadow:4px 4px 4px 4px rgb(216, 143,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7670, 38.0941, 55.2874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 143, 193) }
```

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

```
.background{ background-color: rgb(216,  
143, 193) }
```

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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