

Converting Colors

XYZ(55.3387, 46.9654, 62.3748)

Have a look what the booklet for
XYZ(55.3387, 46.9654, 62.3748)
contains.

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Color

**XYZ(55.4190, 47.0315,
62.6570)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A4CB
RGB	226, 164, 203
RGB Percent	89%, 64%, 80%
CMY	0.1137, 0.3568, 0.2039
CMYK	0.00, 0.27, 0.10, 0.11
HSL	322°, 52%, 76%
HSV	322°, 27%, 89%
XYZ	55.4190, 47.0315, 62.6570
YIQ	186.9840, 24.4330, 25.2730

Conversions

Conversions Part 2

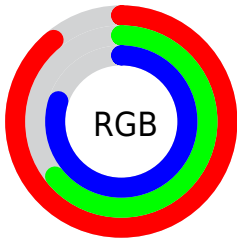
Format	Color
R _Y B	226, 164, 203
Decimal	14853323
CIE Lab	74.21, 28.88, -10.82
CIE LCh	74, 30.836, 339.459
Yxy	47.0315, 0.3357, 0.2849
Android (android.graphics.Color)	4293043403 (0xFFE2A4CB)
YUV	186.9840, 7.8959, 34.2170
Hunter-Lab	68.5795, 24.2314, -6.1641

Details

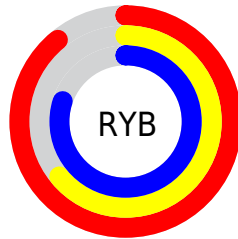
The XYZ color **55.4190, 47.0315, 62.6570** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.4778, 65.8744, 57.0186**, and the grayscale version is **47.1735, 49.6302, 54.0473**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **27.6868, 22.0849, 31.2373** is the 20% darker color. If you saturate the color by 10%, you get **50.7561, 39.2612, 56.3058**, and if you desaturate by 10%, it is **60.8574, 56.2649, 69.5344**.

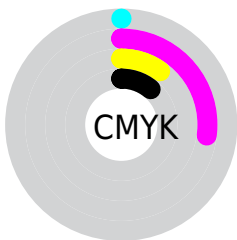
Distribution



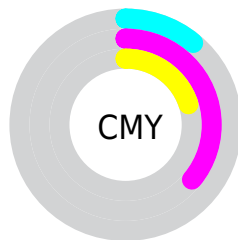
- Red (89%)
- Green (64%)
- Blue (80%)



- Red (89%)
- Yellow (64%)
- Blue (80%)



- Cyan (0%)
- Magenta (27%)
- Yellow (10%)
- Black (11%)





- Cyan (11%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4190, 47.0315, 62.6570 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 55.4190, 47.0315, 62.6570 by changing the saturation by 10% instead.

 55.4190, 47.0315,
62.6570


 55.4190, 47.0315,
62.6570


397.6089,
374.9403, 452.3972

 39.9725, 33.0606,
45.1246


 97.2993, 85.7606,
110.2553

 27.7012, 22.1728,
31.2119


 124.4638,
111.2876, 141.1583

 18.2398, 13.9840,
20.5004


156.2650,
141.4354, 177.3551

 11.2230, 8.1095,
12.5717

193.0683,
176.5884, 219.2645

 6.2855, 4.1651,
7.0070

235.2389,
217.1310, 267.3048

 3.0617, 1.7663,
3.3880

283.1423,

 1.1865, 0.4661,

263.4476, 321.8947

1.2960

337.1439,
315.9225, 383.4526

■ 0.0957, 0.0000,
0.0585

■ 0.0000, 0.0000,
0.0000

■ 55.4190, 47.0315,
62.6570

■ 55.4190, 47.0315,
62.6570

■ 50.7561, 39.2612,
56.3058

■ 60.8574, 56.2649,
69.5344

■ 46.8256, 32.8713,
50.4606

■ 67.1031, 67.0259,
76.9511

■ 43.5865, 27.7804,
45.1042

■ 74.1914, 79.3828,
84.9234

■ 40.9918, 23.8959,
40.2163

■ 82.1539, 93.3979,
93.4657

■ 38.9883, 21.1130,
35.7748

■ 83.5941, 94.2768,
100.1164

■ 37.5138, 19.3086,
31.7544

■ 84.9031, 94.8004,
107.0094

■ 36.4851, 18.3180,
28.1225

■ 85.1743, 94.9089,
108.4378

■ 36.2586, 18.1266,
27.2404

Harmonies

Analogous

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



51.8074, 47.0315, 78.5089



55.4190, 47.0315, 62.6570



56.0347, 47.0315, 46.3649

Triad

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



55.4190, 47.0315, 62.6570



42.9768, 47.0315, 26.6576



36.9833, 47.0315, 73.1081

Complementary

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



55.4190, 47.0315, 62.6570



51.4778, 65.8744, 57.0186

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.



35.0107, 47.0315, 56.3800



55.4190, 47.0315, 62.6570



38.2780, 47.0315, 31.1091

Square

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



55.4190, 47.0315, 62.6570



48.5384, 47.0315, 27.6549



35.4642, 47.0315, 41.2485



41.0733, 47.0315, 85.3544

Rectangle

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



55.4190, 47.0315, 62.6570



54.6163, 47.0315, 37.6428



35.4642, 47.0315, 41.2485



36.0666, 47.0315, 67.6971

Sweetspot

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



55.4204, 47.0336, 62.6580



87.6892, 87.1900, 100.5530



47.4333, 42.5756, 77.6701



18.4901, 18.1793, 21.1979



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.



55.4204, 47.0336, 62.6580



69.1994, 55.6991, 77.4691



52.1133, 45.7108, 45.2430



14.0681, 13.8449, 16.1287



20.7445, 10.3648, 15.8521



1.4807, 0.7356, 1.3243

Inverse Universe

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



55.4204, 47.0336, 62.6580



69.1994, 55.6991, 77.4691



55.1278, 67.3344, 76.2392



14.0681, 13.8449, 16.1287



20.7445, 10.3648, 15.8521



1.4807, 0.7356, 1.3243

Previews

White Background



This preview shows how the XYZ color 55.4190, 47.0315, 62.6570 looks on a white background.

Color Contrast Check

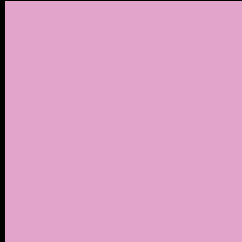
Large Text (above 18pt) WCAG AA × Fail

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 55.4190, 47.0315, 62.6570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

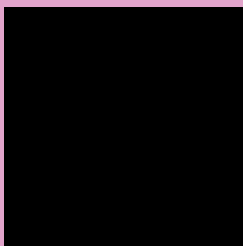
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4190, 47.0315, 62.6570

Background



This preview shows how black text looks on a background with the XYZ color 55.4190, 47.0315, 62.6570.



This preview shows how white text looks on a background with the XYZ color 55.4190, 47.0315,

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

55.4190, 47.0315, 62.6570

Protanopia

46.5660, 47.1329, 70.2616

Deuteranopia

48.0839, 47.2174, 61.2232



Tritanopia

52.7745, 47.0294, 50.0121

Trichromacy



Original Color

55.4190, 47.0315, 62.6570



Protanomaly

49.2110, 46.7824, 67.4090



Deuteranomaly

50.3880, 46.9416, 61.6632



Tritanomaly

53.7445, 47.1588, 54.4140

Monochromacy



Original Color

55.4190, 47.0315, 62.6570



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

49.8331, 48.5080, 57.1886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4190, 47.0315, 62.6570 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(226, 164, 203)` looks like.

```
.text, #text, p{  
    color:rgb(226, 164, 203)  
}
```

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(226, 164, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 164, 203) }
```

Border

The CSS property to change the border of an element to XYZ 55.4190, 47.0315, 62.6570 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(226, 164, 203) }
```


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

```
.border{ border-color:rgb(226, 164, 203) }
```

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

Here you see how a box with a 4 pixel rgb(226, 164, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 164, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 164, 203);  
box-shadow:4px 4px 4px 4px rgb(226, 164,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4190, 47.0315, 62.6570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 164, 203) }
```

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

```
.background{ background-color: rgb(226,  
164, 203) }
```

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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