

Converting Colors

XYZ(55.6096, 47.7510, 55.7541)

Have a look what the booklet for
XYZ(55.6096, 47.7510, 55.7541)
contains.

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Color

**XYZ(55.6733, 47.8570,
55.5932)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A6BF
RGB	230, 166, 191
RGB Percent	90%, 65%, 75%
CMY	0.0980, 0.3490, 0.2510
CMYK	0.00, 0.28, 0.17, 0.10
HSL	337°, 56%, 78%
HSV	337°, 28%, 90%
XYZ	55.6733, 47.8570, 55.5932
YIQ	187.9860, 30.1190, 21.3430

Conversions

Conversions Part 2

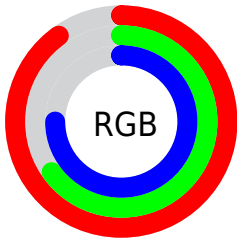
Format	Color
R _Y B	230, 166, 191
Decimal	15115967
CIE Lab	74.73, 27.25, -3.41
CIE LCh	75, 27.465, 352.862
Yxy	47.8570, 0.3499, 0.3008
Android (android.graphics.Color)	4293306047 (0xFFE6A6BF)
YUV	187.9860, 1.4859, 36.8463
Hunter-Lab	69.1788, 22.5894, 0.7787

Details

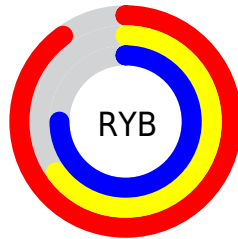
The XYZ color **55.6733, 47.8570, 55.5932** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.0441, 69.1096, 68.1993**, and the grayscale version is **47.7730, 50.2609, 54.7342**.

A 20% lighter version of the original color is **84.1498, 80.2180, 99.0441**, and **27.9481, 22.6439, 26.9424** is the 20% darker color. If you saturate the color by 10%, you get **50.3909, 39.6434, 46.5829**, and if you desaturate by 10%, it is **61.8537, 57.6293, 65.6323**.

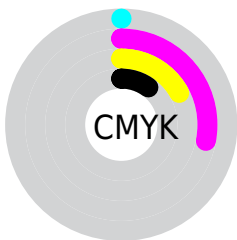
Distribution



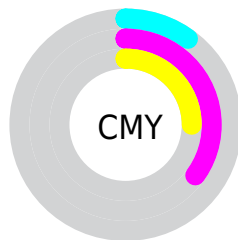
- Red (90%)
- Green (65%)
- Blue (75%)



- Red (90%)
- Yellow (65%)
- Blue (75%)



- Cyan (0%)
- Magenta (28%)
- Yellow (17%)
- Black (10%)





- Cyan (10%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6733, 47.8570, 55.5932 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 55.6733, 47.8570, 55.5932 by changing the saturation by 10% instead.


 55.6733, 47.8570,
55.5932


 55.6733, 47.8570,
55.5932


398.5542,
378.2250, 425.5018

 40.1770, 33.7137,
39.4751


 97.6693, 86.9915,
99.8894

 27.8614, 22.6737,
26.8188


 124.8998,
112.7514, 128.9045

 18.3611, 14.3528,
17.2060


156.7724,
143.1522, 163.0557

 11.3108, 8.3664,
10.2179

193.6524,
178.5785, 202.7615

 6.3451, 4.3303,
5.4362

235.9052,
219.4145, 248.4405

 3.0987, 1.8600,
2.4422

283.8962,

 1.2062, 0.5242,

266.0446, 300.5112

0.8093

337.9907,
318.8534, 359.3921

■ 0.1112, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6733, 47.8570,
55.5932

■ 55.6733, 47.8570,
55.5932

■ 50.3909, 39.6434,
46.5829

■ 61.8537, 57.6293,
65.6323

■ 45.9584, 32.9005,
38.5634

■ 68.9690, 69.0292,
76.7304

■ 42.3295, 27.5419,
31.4984

■ 77.0586, 82.1292,
88.9200

■ 39.4511, 23.4688,
25.3482

■ 85.1923, 95.0627,
101.9091

■ 37.2636, 20.5697,
20.0691

■ 86.4434, 95.5631,
108.4972

■ 35.6974, 18.7133,
15.6133

■ 34.6584, 17.7200,
11.9228

■ 34.4718, 17.5585,
11.2083

Harmonies

Analogous

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



53.5617, 47.8570, 70.4958



55.6733, 47.8570, 55.5932



54.9005, 47.8570, 42.1561

Triad

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



55.6733, 47.8570, 55.5932



41.8641, 47.8570, 30.6897



39.9429, 47.8570, 77.1918

Complementary

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



55.6733, 47.8570, 55.5932



55.0441, 69.1096, 68.1993

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.



37.2156, 47.8570, 63.5148



55.6733, 47.8570, 55.5932



38.2669, 47.8570, 37.2330

Square

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



55.6733, 47.8570, 55.5932



46.6878, 47.8570, 29.3444



36.6251, 47.8570, 48.7719



44.3063, 47.8570, 84.3597

Rectangle

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



55.6733, 47.8570, 55.5932



52.8786, 47.8570, 35.5799



36.6251, 47.8570, 48.7719



38.8178, 47.8570, 73.0955

Sweetspot

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



55.6747, 47.8592, 55.5942



86.9464, 86.8929, 96.6417



52.9326, 45.8820, 80.9297



18.3031, 18.1046, 20.2133



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.



55.6747, 47.8592, 55.5942



66.6398, 54.6753, 63.9904



54.3465, 49.2360, 42.7182



14.6089, 14.4607, 16.1409



19.5717, 9.9629, 6.6395



1.4908, 0.7540, 0.7251

Inverse Universe

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



55.6747, 47.8592, 55.5942



66.6398, 54.6753, 63.9904



56.5587, 66.9180, 84.7989



14.6089, 14.4607, 16.1409



19.5717, 9.9629, 6.6395



1.4908, 0.7540, 0.7251

Previews

White Background



This preview shows how the XYZ color 55.6733, 47.8570, 55.5932 looks on a white background.

Color Contrast Check

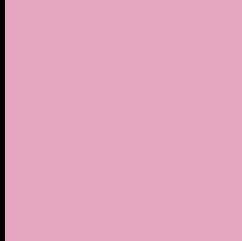
Large Text (above 18pt) WCAG AA × Fail

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 55.6733, 47.8570, 55.5932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

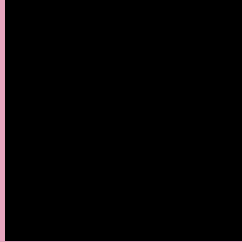
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6733, 47.8570, 55.5932

Background



This preview shows how black text looks on a background with the XYZ color 55.6733, 47.8570, 55.5932.



This preview shows how white text looks on a background with the XYZ color 55.6733, 47.8570,

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

55.6733, 47.8570, 55.5932

Protanopia

47.0045, 48.1513, 62.0751

Deuteranopia

49.1248, 48.1937, 54.8573



Tritanopia

54.6562, 47.9995, 50.1002

Trichromacy



Original Color

55.6733, 47.8570, 55.5932

Protanomaly

49.6196, 47.7549, 59.4257

Deuteranomaly

51.2943, 47.8387, 55.2455

Tritanomaly

54.8888, 47.7982, 52.2320

Monochromacy



Original Color

55.6733, 47.8570, 55.5932

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.1352, 49.0131, 54.9622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6733, 47.8570, 55.5932 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(230, 166, 191)` looks like.

```
.text, #text, p{  
    color:rgb(230, 166, 191)  
}
```

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(230, 166, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 166, 191) }
```

Border

The CSS property to change the border of an element to XYZ 55.6733, 47.8570, 55.5932 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(230, 166, 191) }
```


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

```
.border{ border-color:rgb(230, 166, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 166, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 166, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 166, 191);  
box-shadow:4px 4px 4px 4px rgb(230, 166,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6733, 47.8570, 55.5932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 166, 191) }
```

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

```
.background{ background-color: rgb(230,  
166, 191) }
```

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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