

Converting Colors

XYZ(55.6921, 47.7172, 55.9097)

Have a look what the booklet for
XYZ(55.6921, 47.7172, 55.9097)
contains.

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Color

**XYZ(55.6027, 47.5390,
56.1145)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A5C0
RGB	230, 165, 192
RGB Percent	90%, 65%, 75%
CMY	0.0980, 0.3529, 0.2471
CMYK	0.00, 0.28, 0.17, 0.10
HSL	335°, 57%, 77%
HSV	335°, 28%, 90%
XYZ	55.6027, 47.5390, 56.1145
YIQ	187.5130, 30.0730, 22.1770

Conversions

Conversions Part 2

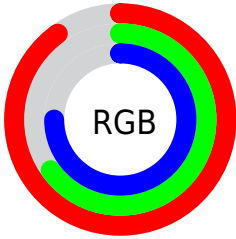
Format	Color
R _{YB}	230, 165, 192
Decimal	15115712
CIE _{Lab}	74.53, 27.94, -4.26
CIE _{LCh}	75, 28.266, 351.336
Yxy	47.5390, 0.3491, 0.2985
Android (android.graphics.Color)	4293305792 (0xFFE6A5C0)
YUV	187.5130, 2.2121, 37.2611
Hunter-Lab	68.9485, 23.2892, 0.0102

Details

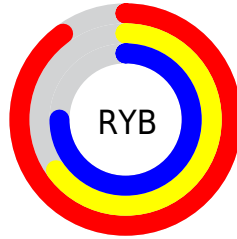
The XYZ color **55.6027, 47.5390, 56.1145** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.5954, 68.9061, 66.9259**, and the grayscale version is **47.5010, 49.9747, 54.4225**.

A 20% lighter version of the original color is **83.7765, 79.2237, 99.6831**, and **27.6880, 22.3367, 27.2782** is the 20% darker color. If you saturate the color by 10%, you get **50.3988, 39.4074, 47.3617**, and if you desaturate by 10%, it is **61.6914, 57.2214, 65.8350**.

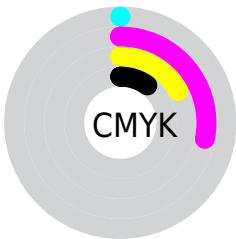
Distribution



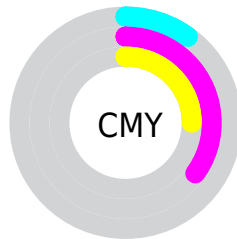
- Red (90%)
- Green (65%)
- Blue (75%)



- 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 55.6027, 47.5390, 56.1145 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 55.6027, 47.5390, 56.1145 by changing the saturation by 10% instead.


 55.6027, 47.5390,
56.1145


 55.6027, 47.5390,
56.1145


398.2919,
376.9619, 427.5233

 40.1202, 33.4620,
39.8901

 97.5666, 86.5176,
100.6594

 27.8169, 22.4806,
27.1397


 124.7788,
112.1880, 129.8171

 18.3274, 14.2104,
17.4448


156.6316,
142.4916, 164.1229

 11.2864, 8.2672,
10.3869


193.4903,
177.8128, 203.9954

 6.3286, 4.2664,
5.5473

235.7203,
218.5361, 249.8531

 3.0884, 1.8237,
2.5075

283.6870,

 1.2007, 0.5019,

265.0457, 302.1147

0.8441

337.7557,
317.7262, 361.1986

■ 0.1069, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6027, 47.5390,
56.1145

■ 55.6027, 47.5390,
56.1145

■ 50.3988, 39.4074,
47.3617

■ 61.6914, 57.2214,
65.8350

■ 46.0321, 32.7385,
39.5413

■ 68.7015, 68.5234,
76.5509

■ 42.4564, 27.4457,
32.6197

■ 76.6720, 81.5177,
88.2925

■ 39.6191, 23.4300,
26.5598

■ 84.9956, 94.9840,
100.8734

■ 37.4609, 20.5795,
21.3214

■ 86.4434, 95.5631,
108.4972

■ 35.9123, 18.7620,
16.8597

■ 34.8754, 17.7895,
13.1190

■ 34.7231, 17.6590,
12.5316

Harmonies

Analogous

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



53.2928, 47.5390, 71.3924



55.6027, 47.5390, 56.1145



54.9611, 47.5390, 42.1901

Triad

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



55.6027, 47.5390, 56.1145



41.7053, 47.5390, 29.7388



39.3235, 47.5390, 76.9695

Complementary

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



55.6027, 47.5390, 56.1145



54.5954, 68.9061, 66.9259

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.



36.6418, 47.5390, 62.6818



55.6027, 47.5390, 56.1145



37.9432, 47.5390, 36.1064

Square

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



55.6027, 47.5390, 56.1145



46.6797, 47.5390, 28.6424



36.1562, 47.5390, 47.6404



43.7214, 47.5390, 84.8345

Rectangle

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



55.6027, 47.5390, 56.1145



52.9650, 47.5390, 35.3221



36.1562, 47.5390, 47.6404



38.2057, 47.5390, 72.6443

Sweetspot

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



55.6041, 47.5412, 56.1155



87.0226, 86.9233, 97.0432



52.3458, 45.3106, 80.8505



18.3223, 18.1122, 20.3142



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.



55.6041, 47.5412, 56.1155



66.2345, 53.7507, 64.2062



53.8793, 48.4478, 42.1115



14.6240, 14.4668, 16.2204



19.7158, 10.0205, 7.3982



1.5023, 0.7586, 0.7856

Inverse Universe

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



55.6041, 47.5412, 56.1155



66.2345, 53.7507, 64.2062



56.6143, 67.3392, 84.8774



14.6240, 14.4668, 16.2204



19.7158, 10.0205, 7.3982



1.5023, 0.7586, 0.7856

Previews

White Background



This preview shows how the XYZ color 55.6027, 47.5390, 56.1145 looks on a white background.

Color Contrast Check

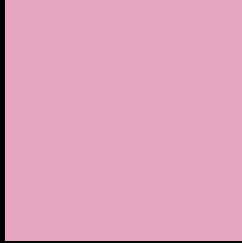
Large Text (above 18pt) WCAG AA × Fail

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 55.6027, 47.5390, 56.1145 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 55.6027, 47.5390, 56.1145

Background



This preview shows how black text looks on a background with the XYZ color 55.6027, 47.5390, 56.1145.



This preview shows how white text looks on a background with the XYZ color 55.6027, 47.5390,

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

55.6027, 47.5390, 56.1145

Protanopia

46.5635, 47.5915, 63.2318

Deuteranopia

48.7678, 47.7006, 55.3520



Tritanopia

54.3700, 47.5907, 49.5003

Trichromacy



Original Color

55.6027, 47.5390, 56.1145

Protanomaly

49.3873, 47.3163, 60.5628

Deuteranomaly

50.9259, 47.3504, 55.7457

Tritanomaly

54.6010, 47.3911, 51.6170

Monochromacy



Original Color

55.6027, 47.5390, 56.1145

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 55.6027, 47.5390, 56.1145 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, 165, 192)` looks like.

```
.text, #text, p{  
    color:rgb(230, 165, 192)  
}
```

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, 165, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 165, 192) }
```

Border

The CSS property to change the border of an element to XYZ 55.6027, 47.5390, 56.1145 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, 165, 192) }
```


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

```
.border{ border-color:rgb(230, 165, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 165, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 165, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 165, 192);  
box-shadow:4px 4px 4px 4px rgb(230, 165,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6027, 47.5390, 56.1145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 165, 192) }
```

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

```
.background{ background-color: rgb(230,  
165, 192) }
```

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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