

Converting Colors

XYZ(39.6220, 30.7574, 53.9024)

Have a look what the booklet for
XYZ(39.6220, 30.7574, 53.9024)
contains.

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Color

**XYZ(39.4817, 30.7134,
53.7165)**

Conversions

Conversions Part 1

Format	Color
Hex	C280C0
RGB	194, 128, 192
RGB Percent	76%, 50%, 75%
CMY	0.2392, 0.4980, 0.2471
CMYK	0.00, 0.34, 0.01, 0.24
HSL	302°, 35%, 63%
HSV	302°, 34%, 76%
XYZ	39.4817, 30.7134, 53.7165
YIQ	155.0300, 18.7920, 33.8960

Conversions

Conversions Part 2

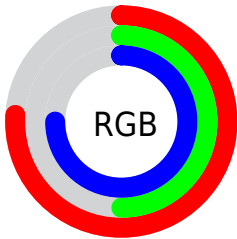
Format	Color
RYB	194, 128, 192
Decimal	12746944
CIELab	62.26, 35.72, -23.09
CIELCh	62, 42.535, 327.118
Yxy	30.7134, 0.3186, 0.2479
Android (android.graphics.Color)	4290937024 (0xFFC280C0)
YUV	155.0300, 18.2262, 34.1767
Hunter-Lab	55.4197, 30.1813, -18.6741

Details

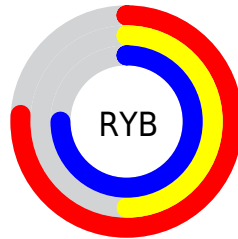
The XYZ color **39.4817, 30.7134, 53.7165** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.2244, 44.7855, 28.0668**, and the grayscale version is **31.0859, 32.7048, 35.6155**.

A 20% lighter version of the original color is **73.6105, 60.8047, 97.4793**, and **17.8888, 12.6317, 25.5401** is the 20% darker color. If you saturate the color by 10%, you get **37.1244, 26.1023, 52.6102**, and if you desaturate by 10%, it is **42.3250, 36.2949, 54.9867**.

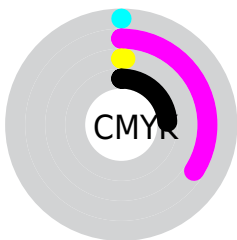
Distribution



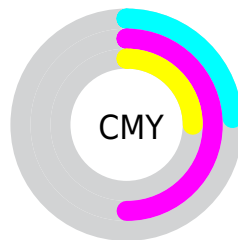
- Red (76%)
- Green (50%)
- Blue (75%)



- Red (76%)
- Yellow (50%)
- Blue (75%)



- Cyan (0%)
- Magenta (34%)
- Yellow (1%)
- Black (24%)




- Cyan (24%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4817, 30.7134, 53.7165 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 39.4817, 30.7134, 53.7165 by changing the saturation by 10% instead.


 39.4817, 30.7134,
53.7165


 39.4817, 30.7134,
53.7165


335.1062,
305.2158, 418.1720


 27.3171, 20.3807,
37.9834


 73.6630, 60.7886,
97.1101

 17.9493, 12.6721,
25.6681


 96.4104, 81.2998,
125.6076

 11.0131, 7.2031,
16.3520


 123.4160,
105.9727, 159.1971

 6.1430, 3.5895,
9.6165

155.0453,
135.1917, 198.2970

 2.9737, 1.4467,
5.0432

191.6636,
169.3411, 243.3259

 1.1399, 0.2507,
2.2134

233.6363,

 0.0581, 0.0000,

208.8053, 294.7024

0.6821

281.3287,
253.9687, 352.8449

■ 0.0000, 0.0000,
0.0000

■ 39.4817, 30.7134,
53.7165

■ 39.4817, 30.7134,
53.7165

■ 37.1244, 26.1023,
52.6102

■ 42.3250, 36.2949,
54.9867

■ 35.2225, 22.4021,
51.6567

■ 45.6768, 42.8935,
56.4274

■ 33.7465, 19.5534,
50.8464

■ 49.5617, 50.5581,
58.0471

■ 32.6623, 17.4877,
50.1679

■ 54.0020, 59.3330,
59.8532

■ 31.9304, 16.1264,
49.6083

■ 59.0186, 69.2600,
61.8527

■ 31.5033, 15.3742,
49.1514

■ 64.6314, 80.3790,
64.0522

■ 31.3386, 15.1055,
48.9091

■ 67.9856, 86.9804,
65.5002

■ 68.0527, 87.0072,
65.8537

■ 68.1201, 87.0342,
66.2087

Harmonies

Analogous

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



34.5202, 30.7134, 70.2247



39.4817, 30.7134, 53.7165



41.6673, 30.7134, 35.0572

Triad

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



39.4817, 30.7134, 53.7165



29.7509, 30.7134, 10.7575



20.4256, 30.7134, 50.0267

Complementary

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



39.4817, 30.7134, 53.7165



32.2244, 44.7855, 28.0668

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.



19.4945, 30.7134, 31.8765



39.4817, 30.7134, 53.7165



24.4427, 30.7134, 12.4528

Square

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



39.4817, 30.7134, 53.7165



35.6068, 30.7134, 13.2942



20.8664, 30.7134, 19.0432



23.5983, 30.7134, 67.6492

Rectangle

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



39.4817, 30.7134, 53.7165



41.0678, 30.7134, 24.9706



20.8664, 30.7134, 19.0432



19.8598, 30.7134, 43.6399

Sweetspot

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



39.4827, 30.7148, 53.7172



85.3540, 82.8382, 103.3245



26.5266, 24.0099, 54.2759



18.4764, 17.7163, 22.5368



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.



39.4827, 30.7148, 53.7172



68.1946, 49.1163, 95.7645



36.3048, 29.4436, 36.9829



10.4837, 10.2421, 12.6376



20.6097, 9.9336, 32.1862



0.8947, 0.4309, 1.4129

Inverse Universe

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



39.4827, 30.7148, 53.7172



68.1946, 49.1163, 95.7645



34.7255, 45.7859, 41.2376



10.4837, 10.2421, 12.6376



20.6097, 9.9336, 32.1862



0.8947, 0.4309, 1.4129

Previews

White Background



This preview shows how the XYZ color 39.4817, 30.7134, 53.7165 looks on a white background.

Color Contrast Check

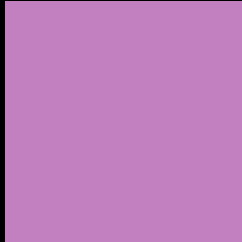
Large Text (above 18pt) WCAG AA × Fail

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 39.4817, 30.7134, 53.7165 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 39.4817, 30.7134, 53.7165

Background



This preview shows how black text looks on a background with the XYZ color 39.4817, 30.7134, 53.7165.



This preview shows how white text looks on a background with the XYZ color 39.4817, 30.7134,

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

39.4817, 30.7134, 53.7165

Protanopia

31.8414, 31.0682, 63.3500

Deuteranopia

31.5211, 30.9216, 51.8841



Tritanopia

34.9512, 30.6893, 31.6853

Trichromacy



Original Color

39.4817, 30.7134, 53.7165

Protanomaly

33.8958, 30.3819, 59.9549

Deuteranomaly

33.8144, 30.5104, 52.2510

Tritanomaly

36.3712, 30.6417, 38.6478

Monochromacy



Original Color

39.4817, 30.7134, 53.7165

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.5555, 31.5130, 41.3598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4817, 30.7134, 53.7165 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(194, 128, 192)` looks like.

```
.text, #text, p{  
    color:rgb(194, 128, 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(194, 128, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 128, 192) }
```

Border

The CSS property to change the border of an element to XYZ 39.4817, 30.7134, 53.7165 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(194, 128, 192) }
```


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

```
.border{ border-color:rgb(194, 128, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 128, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 128, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 128, 192);  
box-shadow:4px 4px 4px 4px rgb(194, 128,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4817, 30.7134, 53.7165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 128, 192) }
```

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

```
.background{ background-color: rgb(194,  
128, 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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