

Converting Colors

XYZ(38.1861, 27.8844, 54.2765)

Have a look what the booklet for
XYZ(38.1861, 27.8844, 54.2765)
contains.

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Color

**XYZ(38.2311, 27.8552,
54.4005)**

Conversions

Conversions Part 1

Format	Color
Hex	C274C2
RGB	194, 116, 194
RGB Percent	76%, 45%, 76%
CMY	0.2392, 0.5451, 0.2392
CMYK	0.00, 0.40, 0.00, 0.24
HSL	300°, 39%, 61%
HSV	300°, 40%, 76%
XYZ	38.2311, 27.8552, 54.4005
YIQ	148.2140, 21.4500, 40.7940

Conversions

Conversions Part 2

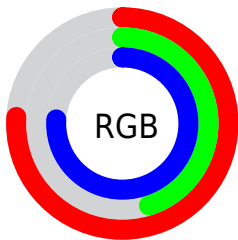
Format	Color
RYB	194, 116, 194
Decimal	12743874
CIELab	59.76, 42.55, -28.08
CIELCh	60, 50.979, 326.572
Yxy	27.8552, 0.3173, 0.2312
Android (android.graphics.Color)	4290933954 (0xFFC274FC)
YUV	148.2140, 22.5725, 40.1543
Hunter-Lab	52.7780, 36.9395, -24.1680

Details

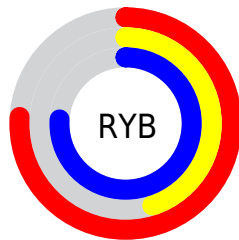
The XYZ color **38.2311, 27.8552, 54.4005** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **29.6478, 43.5584, 23.3696**, and the grayscale version is **28.1409, 29.6065, 32.2414**.

A 20% lighter version of the original color is **71.9322, 56.4099, 98.3638**, and **17.2714, 11.1630, 26.0553** is the 20% darker color. If you saturate the color by 10%, you get **36.2243, 23.8411, 53.7318**, and if you desaturate by 10%, it is **40.7067, 32.8057, 55.2260**.

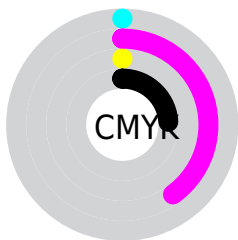
Distribution



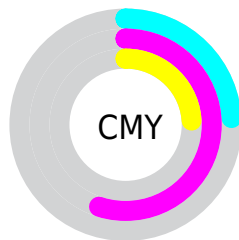
- Red (76%)
- Green (45%)
- Blue (76%)



- Red (76%)
- Yellow (45%)
- Blue (76%)



- Cyan (0%)
- Magenta (40%)
- Yellow (0%)
- Black (24%)



- Cyan (24%)
- Magenta (55%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2311, 27.8552, 54.4005 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 38.2311, 27.8552, 54.4005 by changing the saturation by 10% instead.

38.2311, 27.8552,
54.4005

38.2311, 27.8552,
54.4005

329.8740,
291.7744, 420.8531

26.3401, 18.2165,
38.5266

71.7638, 56.2532,
98.1244

17.2123, 11.1056,
26.0867

94.1363, 75.7813,
126.8114

10.4822, 6.1379,
16.6621

120.7333, 99.3747,
160.6066

5.7845, 2.9291,
9.8345

151.9202,
127.4177, 199.9284

2.7539, 1.0948,
5.1852

188.0624,
160.2948, 245.1954

1.0250, 0.0000,
2.2957

229.5252,

0.0000, 0.0000,

198.3903, 296.8262

0.7288

276.6740,
242.0887, 355.2392

■ 0.0000, 0.0000,
0.0000

■ 38.2311, 27.8552,
54.4005

■ 38.2311, 27.8552,
54.4005

■ 36.2243, 23.8411,
53.7318

■ 40.7067, 32.8057,
55.2260

■ 34.6543, 20.7010,
53.2084

■ 43.6750, 38.7424,
56.2155

■ 33.4893, 18.3710,
52.8200

■ 47.1618, 45.7160,
57.3779

■ 32.6921, 16.7768,
52.5542

■ 51.1902, 53.7726,
58.7207

■ 32.2190, 15.8304,
52.3964

■ 55.7817, 62.9558,
60.2513

■ 31.9860, 15.3645,
52.3187

■ 60.9570, 73.3063,
61.9764

■ 66.7355, 84.8633,
63.9027

■ 67.7462, 86.8846,
64.2396

■ 67.7462, 86.8846,
64.2397

Harmonies

Analogous

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



32.4186, 27.8552, 74.4675



38.2311, 27.8552, 54.4005



40.8823, 27.8552, 32.5029

Triad

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



38.2311, 27.8552, 54.4005



27.2239, 27.8552, 6.8980



16.8619, 27.8552, 49.1498

Complementary

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



38.2311, 27.8552, 54.4005



29.6478, 43.5584, 23.3696

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.



15.9266, 27.8552, 28.2554



38.2311, 27.8552, 54.4005



21.3071, 27.8552, 8.3652

Square

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



38.2311, 27.8552, 54.4005



33.9108, 27.8552, 9.2975



17.4167, 27.8552, 14.6711



20.2153, 27.8552, 70.6695

Rectangle

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



38.2311, 27.8552, 54.4005



40.2274, 27.8552, 21.2864



17.4167, 27.8552, 14.6711



16.2804, 27.8552, 41.6278

Sweetspot

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



38.2320, 27.8564, 54.4011



84.1129, 80.1619, 103.5092



23.1868, 20.1003, 53.6972



18.2287, 17.1724, 22.6038



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.



38.2320, 27.8564, 54.4011



66.1032, 44.1427, 97.5056



34.4110, 26.3280, 34.2798



10.4973, 10.2475, 12.7095



21.0296, 10.1016, 34.3976



0.9086, 0.4365, 1.4862

Inverse Universe

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



38.2320, 27.8564, 54.4011



66.1032, 44.1427, 97.5056



32.4118, 44.6640, 37.9244



10.4973, 10.2475, 12.7095



21.0296, 10.1016, 34.3976



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 38.2311, 27.8552, 54.4005 looks on a white background.

Color Contrast Check

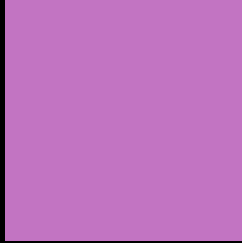
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.2311, 27.8552, 54.4005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

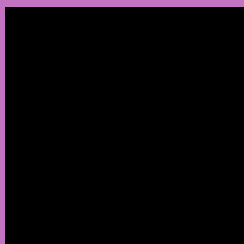
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.2311, 27.8552, 54.4005

Background



This preview shows how black text looks on a background with the XYZ color 38.2311, 27.8552, 54.4005.



This preview shows how white text looks on a background with the XYZ color 38.2311, 27.8552,

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

38.2311, 27.8552, 54.4005

Protanopia

29.5563, 28.1941, 67.5025

Deuteranopia

28.6898, 28.0885, 52.0536



Tritanopia

32.8001, 27.8381, 27.6893

Trichromacy



Original Color

38.2311, 27.8552, 54.4005

Protanomaly

31.6826, 27.4831, 62.6664

Deuteranomaly

31.5018, 27.6046, 52.9581

Tritanomaly

34.6144, 27.8311, 35.8953

Monochromacy



Original Color

38.2311, 27.8552, 54.4005

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

31.1127, 28.3243, 39.4246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2311, 27.8552, 54.4005 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, 116, 194)` looks like.

```
.text, #text, p{  
    color:rgb(194, 116, 194)  
}
```

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, 116, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 116, 194) }
```

Border

The CSS property to change the border of an element to XYZ 38.2311, 27.8552, 54.4005 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, 116, 194) }
```


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

```
.border{ border-color:rgb(194, 116, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 116, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 116, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 116, 194);  
box-shadow:4px 4px 4px 4px rgb(194, 116,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2311, 27.8552, 54.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 116, 194) }
```

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

```
.background{ background-color: rgb(194,  
116, 194) }
```

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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