

Converting Colors

XYZ(30.1380, 27.7015, 42.1271)

Have a look what the booklet for
XYZ(30.1380, 27.7015, 42.1271)
contains.

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Color

**XYZ(30.2554, 27.8177,
42.3028)**

Conversions

Conversions Part 1

Format	Color
Hex	9E88AB
RGB	158, 136, 171
RGB Percent	62%, 53%, 67%
CMY	0.3804, 0.4667, 0.3294
CMYK	0.08, 0.20, 0.00, 0.33
HSL	278°, 17%, 60%
HSV	278°, 20%, 67%
XYZ	30.2554, 27.8177, 42.3028
YIQ	146.5680, 1.8770, 15.5490

Conversions

Conversions Part 2

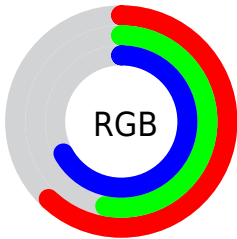
Format	Color
R _Y B	158, 136, 171
Decimal	10389675
CIE Lab	59.72, 15.00, -15.38
CIE LCh	60, 21.483, 314.286
Yxy	27.8177, 0.3014, 0.2771
Android (android.graphics.Color)	4288579755 (0xFF9E88AB)
YUV	146.5680, 12.0450, 10.0259
Hunter-Lab	52.7425, 10.0961, -10.6346




Details

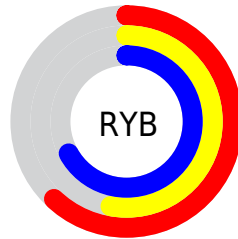
The XYZ color **30.2554, 27.8177, 42.3028** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **31.4022, 37.2937, 28.8372**, and the grayscale version is **27.5071, 28.9396, 31.5152**.




A 20% lighter version of the original color is **59.3656, 56.0323, 79.6379**, and **12.6014, 11.0517, 18.9218** is the 20% darker color. If you saturate the color by 10%, you get **26.8195, 22.7526, 41.5067**, and if you desaturate by 10%, it is **34.1418, 33.6869, 43.2313**.

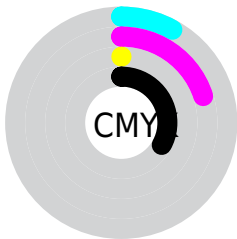
Distribution







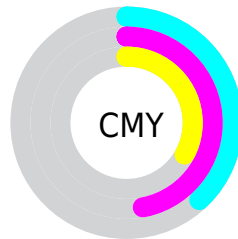
-  Red (62%)
-  Green (53%)
-  Blue (67%)






-  Red (62%)
-  Yellow (53%)
-  Blue (67%)



-  Cyan (8%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (38%)
-  Magenta (47%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2554, 27.8177, 42.3028 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 30.2554, 27.8177, 42.3028 by changing the saturation by 10% instead.

■ 30.2554, 27.8177,
42.3028

■ 30.2554, 27.8177,
42.3028

294.9816,
291.5948, 371.5732

■ 20.1816, 18.1883,
29.0111

■ 59.4497, 56.1933,
79.9327

■ 12.6361, 11.0852,
18.8436

■ 79.3009, 75.7082,
105.1081

■ 7.2537, 6.1242,
11.3816

■ 103.1419, 99.2871,
135.0817

■ 3.6690, 2.9208,
6.2068

131.3380,
127.3143, 170.2722

■ 1.5166, 1.0905,
2.9004

164.2548,
160.1743, 211.0980

■ 0.3371, 0.0000,
1.0440

202.2573,

■ 0.0000, 0.0000,

198.2515, 257.9778

0.0000

245.7112,
241.9302, 311.3300

■ 30.2554, 27.8177,
42.3028

■ 30.2554, 27.8177,
42.3028

■ 26.8195, 22.7526,
41.5067

■ 34.1418, 33.6869,
43.2313

■ 23.8125, 18.4513,
40.8349

■ 38.4941, 40.3910,
44.2959

■ 21.2145, 14.8750,
40.2816

■ 43.3300, 47.9638,
45.5027

■ 19.0030, 11.9803,
39.8394

■ 48.6655, 56.4357,
46.8567

■ 17.1531, 9.7189,
39.5004

■ 54.5158, 65.8360,
48.3628

15.6365, 8.0358,
39.2554

60.8955, 76.1925,
50.0256

14.4203, 6.8665,
39.0938

67.5934, 87.0816,
51.7744

13.4725, 6.0962,
38.9951

69.3529, 87.9886,
51.8567

71.1841, 88.9326,
51.9424

Harmonies

Analogous

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



27.7492, 27.8177, 47.2119



30.2554, 27.8177, 42.3028



31.7908, 27.8177, 34.5215

Triad

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



30.2554, 27.8177, 42.3028



27.8792, 27.8177, 18.0550



21.6963, 27.8177, 34.1302

Complementary

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



30.2554, 27.8177, 42.3028



31.4022, 37.2937, 28.8372

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.



21.7259, 27.8177, 26.4170



30.2554, 27.8177, 42.3028



25.1724, 27.8177, 17.9867

Square

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



30.2554, 27.8177, 42.3028



30.3562, 27.8177, 21.0022



22.9595, 27.8177, 20.7964



22.8758, 27.8177, 41.9744

Rectangle

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



30.2554, 27.8177, 42.3028



31.9953, 27.8177, 29.1850



22.9595, 27.8177, 20.7964



21.5679, 27.8177, 31.4200

Sweetspot

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



30.2563, 27.8189, 42.3034



64.4395, 65.3782, 78.2248



28.3186, 29.8026, 42.7884



14.2625, 14.4139, 17.4181



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.2563, 27.8189, 42.3034



51.0258, 45.1315, 75.0238



32.5669, 29.0543, 40.4110



8.0443, 7.9972, 10.0723



10.2157, 4.6263, 29.3990



0.3419, 0.1585, 0.8206

Inverse Universe

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



31.0245, 28.4374, 32.2889



52.7535, 46.5068, 53.2036



29.4570, 36.2567, 30.2901



8.1237, 8.0627, 8.9620



13.3716, 6.8112, 4.3364



0.3989, 0.2002, 0.2624

Previews

White Background



This preview shows how the XYZ color 30.2554, 27.8177, 42.3028 looks on a white background.

Color Contrast Check

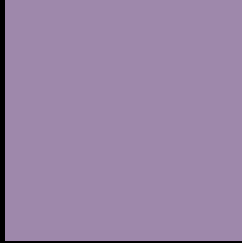
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2554, 27.8177, 42.3028 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 30.2554, 27.8177, 42.3028

Background



This preview shows how black text looks on a background with the XYZ color 30.2554, 27.8177, 42.3028.



This preview shows how white text looks on a background with the XYZ color 30.2554, 27.8177,

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

30.2554, 27.8177, 42.3028

Protanopia

27.9755, 28.0979, 45.0233

Deuteranopia

28.4576, 27.9718, 41.9294



Tritanopia

28.4816, 27.9591, 33.1737

Trichromacy



Original Color

30.2554, 27.8177, 42.3028

Protanomaly

28.6951, 27.8319, 43.9041

Deuteranomaly

29.0660, 27.8515, 41.8742

Tritanomaly

29.1145, 28.0018, 36.2181

Monochromacy



Original Color

30.2554, 27.8177, 42.3028

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.5857, 28.6245, 35.4709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2554, 27.8177, 42.3028 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(158, 136, 171)` looks like.

```
.text, #text, p{  
    color:rgb(158, 136, 171)  
}
```

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(158, 136, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 136, 171) }
```

Border

The CSS property to change the border of an element to XYZ 30.2554, 27.8177, 42.3028 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(158, 136, 171) }
```


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

```
.border{ border-color:rgb(158, 136, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 136, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 136, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 136, 171);  
box-shadow:4px 4px 4px 4px rgb(158, 136,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2554, 27.8177, 42.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 136, 171) }
```

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

```
.background{ background-color: rgb(158,  
136, 171) }
```

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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