

Converting Colors

XYZ(30.7268, 28.1423, 57.8466)

Have a look what the booklet for
XYZ(30.7268, 28.1423, 57.8466)
contains.

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Color

**XYZ(30.7250, 28.1401,
57.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8AC7
RGB	143, 138, 199
RGB Percent	56%, 54%, 78%
CMY	0.4392, 0.4588, 0.2196
CMYK	0.28, 0.31, 0.00, 0.22
HSL	245°, 35%, 66%
HSV	245°, 31%, 78%
XYZ	30.7250, 28.1401, 57.8450
YIQ	146.4490, -16.6010, 20.0310

Conversions

Conversions Part 2

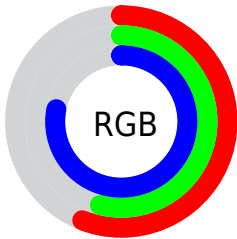
Format	Color
R_{YB}	143, 138, 199
Decimal	9407175
CIE _{Lab}	60.02, 15.50, -30.92
CIE _{LCh}	60, 34.589, 296.626
Yxy	28.1401, 0.2633, 0.2411
Android (android.graphics.Color)	4287597255 (0xFF8F8AC7)
YUV	146.4490, 25.9076, -3.0248
Hunter-Lab	53.0472, 10.5546, -27.5193

Details

The XYZ color **30.7250, 28.1401, 57.8450** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.2595, 54.1517, 32.0073**, and the grayscale version is **27.4084, 28.8358, 31.4022**.

A 20% lighter version of the original color is **59.9695, 56.4874, 102.3502**, and **12.9149, 11.2479, 28.2784** is the 20% darker color. If you saturate the color by 10%, you get **25.2181, 21.4446, 56.8434**, and if you desaturate by 10%, it is **37.2719, 36.1495, 59.0464**.

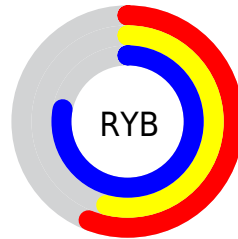
Distribution



Red (56%)

Green (54%)

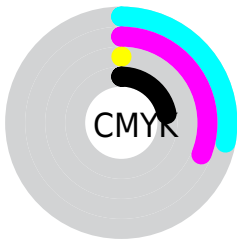
Blue (78%)



Red (56%)

Yellow (54%)

Blue (78%)

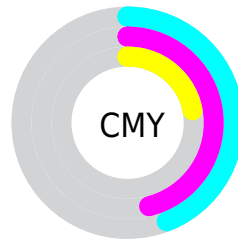


Cyan (28%)

Magenta (31%)

Yellow (0%)

Black (22%)



Cyan (44%)

Magenta (46%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7250, 28.1401, 57.8450 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 30.7250, 28.1401, 57.8450 by changing the saturation by 10% instead.

■ 30.7250, 28.1401,
57.8450

■ 30.7250, 28.1401,
57.8450

297.1189,
293.1358, 434.1902

■ 20.5403, 18.4313,
41.2702

■ 60.1856, 56.7080,
103.2097

■ 12.8990, 11.2601,
28.2090

■ 80.1923, 76.3360,
132.8366

■ 7.4355, 6.2420,
18.2428

■ 104.2037,
100.0391, 167.6513

■ 3.7847, 2.9928,
10.9532

132.5852,
128.2017, 208.0723

■ 1.5811, 1.1280,
5.9216

165.7021,
161.2083, 254.5181

■ 0.3800, 0.0017,
2.7295

203.9198,

■ 0.0000, 0.0000,

199.4432, 307.4074

0.9582

247.6036,
243.2909, 367.1586

■ 0.0000, 0.0000,
0.0000

■ 30.7250, 28.1401,
57.8450

■ 30.7250, 28.1401,
57.8450

■ 25.2181, 21.4446,
56.8434

■ 37.2719, 36.1495,
59.0464

■ 20.6949, 15.9896,
56.0289

■ 44.9057, 45.5342,
60.4555

■ 17.0980, 11.6997,
55.3904

■ 53.6736, 56.3559,
62.0822

■ 14.3629, 8.4898,
54.9150

■ 63.6195, 68.6716,
63.9351

■ 12.4169, 6.2632,
54.5878

■ 74.7847, 82.5349,
66.0225

■ 11.1748, 4.9058,
54.3912

■ 86.4372, 96.4542,
68.0951

■ 10.5280, 4.2365,
54.2961

■ 87.3089, 96.9036,
68.1359

Harmonies

Analogous

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



26.2509, 28.1401, 61.7974



30.7250, 28.1401, 57.8450



34.4620, 28.1401, 46.0159

Triad

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



30.7250, 28.1401, 57.8450



31.6818, 28.1401, 14.5180



19.1502, 28.1401, 29.2342

Complementary

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



30.7250, 28.1401, 57.8450



47.2595, 54.1517, 32.0073

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.



20.2778, 28.1401, 19.1385



30.7250, 28.1401, 57.8450



27.2479, 28.1401, 12.2426

Square

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



30.7250, 28.1401, 57.8450



35.0557, 28.1401, 21.0029



23.1269, 28.1401, 13.6675



19.8662, 28.1401, 42.8486

Rectangle

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



30.7250, 28.1401, 57.8450



35.8625, 28.1401, 36.6005



23.1269, 28.1401, 13.6675



19.3228, 28.1401, 25.3641

Sweetspot

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



30.7260, 28.1412, 57.8457



80.8298, 82.4422, 106.2605



40.2909, 48.5278, 61.2765



16.8427, 17.0813, 22.6593



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.



30.7260, 28.1412, 57.8457



46.9641, 40.9546, 100.0375



36.5360, 31.1364, 58.1176



10.1359, 10.3283, 13.3768



6.8004, 2.7400, 34.9148



0.3505, 0.1444, 1.6545

Inverse Universe

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



42.3799, 34.2150, 55.4098



70.7534, 53.3594, 94.7812



40.4111, 50.6212, 31.6868



11.0441, 10.8010, 13.2158



20.6359, 10.0039, 29.6224



0.9885, 0.4782, 1.4625

Previews

White Background



This preview shows how the XYZ color 30.7250, 28.1401, 57.8450 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 30.7250, 28.1401, 57.8450 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 30.7250, 28.1401, 57.8450

Background



This preview shows how black text looks on a background with the XYZ color 30.7250, 28.1401, 57.8450.



This preview shows how white text looks on a background with the XYZ color 30.7250, 28.1401,

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

30.7250, 28.1401, 57.8450

Protanopia

29.0567, 28.0934, 60.3910

Deuteranopia

28.9176, 28.3113, 57.3666



Tritanopia

26.4421, 28.1773, 36.3929

Trichromacy



Original Color

30.7250, 28.1401, 57.8450

Protanomaly

29.7013, 28.2196, 59.7586

Deuteranomaly

29.3908, 28.1135, 57.3035

Tritanomaly

27.8465, 28.0653, 43.4846

Monochromacy



Original Color

30.7250, 28.1401, 57.8450

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.2910, 28.3813, 39.5843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7250, 28.1401, 57.8450 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(143, 138, 199)` looks like.

```
.text, #text, p{  
    color:rgb(143, 138, 199)  
}
```

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(143, 138, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 138, 199) }
```

Border

The CSS property to change the border of an element to XYZ 30.7250, 28.1401, 57.8450 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(143, 138, 199) }
```


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

```
.border{ border-color:rgb(143, 138, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 138, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 138, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 138, 199);  
box-shadow:4px 4px 4px 4px rgb(143, 138,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7250, 28.1401, 57.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 138, 199) }
```

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

```
.background{ background-color: rgb(143,  
138, 199) }
```

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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