

Converting Colors

$Y_{xy}(28.1510, 0.2718, 0.2455)$

Have a look what the booklet for
Yxy(28.1510, 0.2718, 0.2455)
contains.

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Color

Yxy(28.2210, 0.2716, 0.2457)

Conversions

Conversions Part 1

Format	Color
Hex	9589C3
RGB	149, 137, 195
RGB Percent	58%, 54%, 76%
CMY	0.4156, 0.4628, 0.2352
CMYK	0.24, 0.30, 0.00, 0.24
HSL	252°, 33%, 65%
HSV	252°, 30%, 76%
XYZ	31.1959, 28.2210, 55.4427
YIQ	147.2000, -11.4660, 20.5820

Conversions

Conversions Part 2

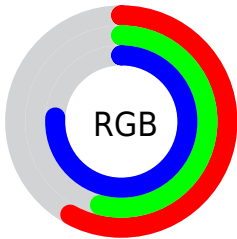
Format	Color
R_{YB}	149, 137, 195
Decimal	9800131
CIE _{Lab}	60.09, 16.93, -28.52
CIE _{LCh}	60, 33.169, 300.696
Yxy	28.2210, 0.2716, 0.2457
Android (android.graphics.Color)	4287990211 (0xFF9589C3)
YUV	147.2000, 23.5654, 1.5786
Hunter-Lab	53.1234, 11.8552, -24.6921

Details

The Yxy color **28.2210, 0.2716, 0.2457** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.9084, 0.3466, 0.4051**, and the grayscale version is **29.1709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6926, 0.2801, 0.2608**, and **11.2809, 0.2572, 0.2207** is the 20% darker color. If you saturate the color by 10%, you get **21.8113, 0.2544, 0.2132**, and if you desaturate by 10%, it is **35.8279, 0.2872, 0.2763**.

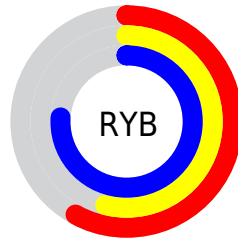
Distribution



Red (58%)

Green (54%)

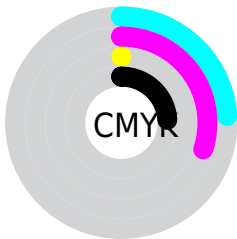
Blue (76%)



Red (58%)

Yellow (54%)

Blue (76%)

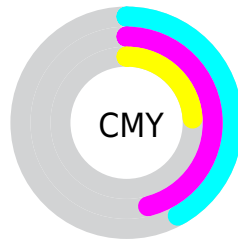


Cyan (24%)

Magenta (30%)

Yellow (0%)

Black (24%)



Cyan (42%)

Magenta (46%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.2210, 0.2716, 0.2457 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 Yxy color 28.2210, 0.2716, 0.2457 by changing the saturation by 10% instead.

■ 28.2210, 0.2716,
0.2457

■ 28.2210, 0.2716,
0.2457

■ 293.5214, 0.2940,
0.2884

■ 18.4923, 0.2654,
0.2348

■ 56.8371, 0.2802,
0.2614

■ 11.3040, 0.2571,
0.2208

■ 76.4933, 0.2833,
0.2673

■ 6.2717, 0.2456,
0.2021

■ 100.2274, 0.2859,
0.2722

■ 3.0110, 0.2284,
0.1763

■ 128.4239, 0.2880,
0.2764

■ 1.1375, 0.2011,
0.1389

■ 161.4672, 0.2899,
0.2800

■ 0.0097, 0.1480,
0.0034

■ 199.7416, 0.2914,

■ 0.0000, 0.0000,

0.2832

0.0000

243.6316, 0.2928,
0.2860

■ 28.2210, 0.2716,
0.2457

■ 28.2210, 0.2716,
0.2457

■ 21.8113, 0.2544,
0.2132

■ 35.8279, 0.2872,
0.2763

■ 16.5339, 0.2361,
0.1799

■ 44.6856, 0.3010,
0.3044

■ 12.3228, 0.2174,
0.1475

■ 54.8488, 0.3130,
0.3296

■ 9.1036, 0.1994,
0.1181

■ 66.3677, 0.3233,
0.3519

■ 6.7922, 0.1833,
0.0940

■ 79.2899, 0.3322,
0.3716

■ 5.2900, 0.1701,
0.0766

■ 93.6606, 0.3397,
0.3888

■ 4.4196, 0.1604,
0.0659

■ 96.7209, 0.3484,
0.3880

■ 4.4014, 0.1602,
0.0656

Harmonies

Analogous

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



28.2210, 0.2330, 0.2442



28.2210, 0.2716, 0.2457



28.2210, 0.3249, 0.2653

Triad

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



28.2210, 0.2716, 0.2457



28.2210, 0.4202, 0.3825



28.2210, 0.2475, 0.3585

Complementary

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



28.2210, 0.2716, 0.2457



50.9084, 0.3466, 0.4051

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.



28.2210, 0.2937, 0.4076



28.2210, 0.2716, 0.2457



28.2210, 0.3944, 0.4165

Square

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



28.2210, 0.2716, 0.2457



28.2210, 0.4152, 0.3401



28.2210, 0.3476, 0.4287



28.2210, 0.2198, 0.3039

Rectangle

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



28.2210, 0.2716, 0.2457



28.2210, 0.3621, 0.2863



28.2210, 0.3476, 0.4287



28.2210, 0.2612, 0.3768

Sweetspot

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



28.2221, 0.2716, 0.2457



81.0677, 0.3018, 0.3060



43.2958, 0.2685, 0.3126



17.2014, 0.2998, 0.3021



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



28.2221, 0.2716, 0.2457



42.5001, 0.2601, 0.2237



31.2485, 0.2988, 0.2519



9.8464, 0.3015, 0.3054



2.8898, 0.1612, 0.0662



0.1550, 0.1833, 0.0784

Inverse Universe

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



32.9111, 0.3280, 0.2699



52.3854, 0.3324, 0.2563



47.7532, 0.3225, 0.4113



10.2106, 0.3169, 0.3109



9.0813, 0.3808, 0.1871



0.4016, 0.3650, 0.1784

Previews

White Background



This preview shows how the Yxy color 28.2210, 0.2716, 0.2457 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 Yxy color 28.2210, 0.2716, 0.2457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

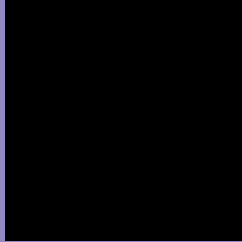
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2210, 0.2716, 0.2457

Background



This preview shows how black text looks on a background with the Yxy color 28.2210, 0.2716, 0.2457.



This preview shows how white text looks on a background with the Yxy color 28.2210, 0.2716, 0.2457.

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

28.2210, 0.2716, 0.2457

Protanopia

28.4042, 0.2510, 0.2446

Deuteranopia

28.4455, 0.2584, 0.2528



Tritanopia

28.4019, 0.2992, 0.3115

Trichromacy



Original Color

28.2210, 0.2716, 0.2457

Protanomaly

28.3612, 0.2585, 0.2454

Deuteranomaly

28.3481, 0.2631, 0.2508

Tritanomaly

28.2680, 0.2894, 0.2860

Monochromacy



Original Color

28.2210, 0.2716, 0.2457

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.6212, 0.2978, 0.2966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2210, 0.2716, 0.2457 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(149, 137, 195)` looks like.

```
.text, #text, p{  
    color:rgb(149, 137, 195)  
}
```

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(149, 137, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 137, 195) }
```

Border

The CSS property to change the border of an element to Yxy 28.2210, 0.2716, 0.2457 is called "border". The border property can be set on classes, ids or directly on the HTML element.

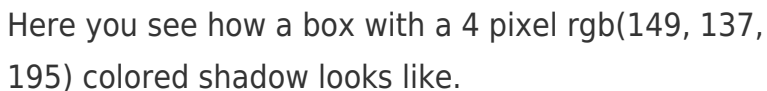
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 137, 195) }
```

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

```
.border{ border-color:rgb(149, 137, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(149, 137, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 137, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 137, 195);  
box-shadow:4px 4px 4px 4px rgb(149, 137,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2210, 0.2716, 0.2457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 137, 195) }
```

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

```
.background{ background-color: rgb(149,  
137, 195) }
```

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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