

Converting Colors

$Yxy(28.9022, 0.2778, 0.2542)$

Have a look what the booklet for
Yxy(28.9022, 0.2778, 0.2542)
contains.

Yxy(28.9022, 0.2778, 0.2542)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.9022, 0.2778, 0.2542)

Conversions

Conversions Part 1

Format	Color
Hex	988BBF
RGB	152, 139, 191
RGB Percent	60%, 55%, 75%
CMY	0.4039, 0.4549, 0.2509
CMYK	0.20, 0.27, 0.00, 0.25
HSL	255°, 29%, 65%
HSV	255°, 27%, 75%
XYZ	31.5855, 28.9022, 53.2110
YIQ	148.8150, -8.9440, 18.9280

Conversions

Conversions Part 2

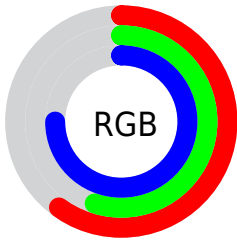
Format	Color
R_{YB}	152, 139, 191
Decimal	9997247
CIE _{Lab}	60.70, 15.74, -25.30
CIE _{LCh}	61, 29.800, 301.892
Yxy	28.9022, 0.2778, 0.2542
Android (android.graphics.Color)	4288187327 (0xFF988BBF)
YUV	148.8150, 20.7972, 2.7932
Hunter-Lab	53.7608, 10.7909, -21.0511

Details

The Yxy color $28.9022, 0.2778, 0.2542$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $48.5988, 0.3418, 0.3988$, and the grayscale version is $29.8874, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.1826, 0.2849, 0.2685$, and $11.6602, 0.2657, 0.2322$ is the 20% darker color. If you saturate the color by 10%, you get $22.5464, 0.2619, 0.2225$, and if you desaturate by 10%, it is $36.3939, 0.2921, 0.2839$.

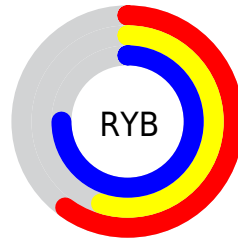
Distribution



Red (60%)

Green (55%)

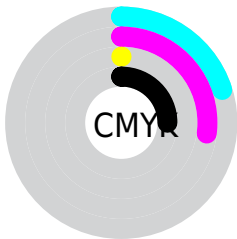
Blue (75%)



Red (60%)

Yellow (55%)

Blue (75%)

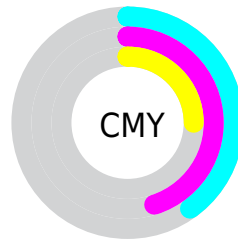


Cyan (20%)

Magenta (27%)

Yellow (0%)

Black (25%)



Cyan (40%)

Magenta (45%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.9022, 0.2778, 0.2542 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 28.9022, 0.2778, 0.2542 by changing the saturation by 10% instead.

■ 28.9022, 0.2778,
0.2542

■ 28.9022, 0.2778,
0.2542

■ 296.7532, 0.2969,
0.2927

■ 19.0068, 0.2725,
0.2443

■ 57.9217, 0.2851,
0.2684

■ 11.6752, 0.2654,
0.2316

■ 77.8146, 0.2877,
0.2737

■ 6.5229, 0.2555,
0.2144

■ 101.8088, 0.2899,
0.2781

■ 3.1656, 0.2406,
0.1905

■ 130.2887, 0.2918,
0.2819

■ 1.2188, 0.2165,
0.1551

■ 163.6387, 0.2933,
0.2851

■ 0.0770, 0.1702,
0.0286

■ 202.2432, 0.2947,

■ 0.0000, 0.0000,

0.2880

0.0000

246.4866, 0.2958,
0.2905

■ 28.9022, 0.2778,
0.2542

■ 28.9022, 0.2778,
0.2542

■ 22.5464, 0.2619,
0.2225

■ 36.3939, 0.2921,
0.2839

■ 17.2666, 0.2446,
0.1898

■ 45.0701, 0.3047,
0.3111

■ 13.0031, 0.2267,
0.1576

■ 54.9810, 0.3156,
0.3355

■ 9.6884, 0.2089,
0.1277

■ 66.1728, 0.3249,
0.3572

■ 7.2468, 0.1923,
0.1023

■ 78.6893, 0.3329,
0.3763

■ 5.5906, 0.1781,
0.0830

■ 92.5722, 0.3396,
0.3931

■ 4.5988, 0.1669,
0.0707

■ 96.0346, 0.3490,
0.3923

■ 4.3835, 0.1643,
0.0679

■ 96.5421, 0.3508,
0.3919

Harmonies

Analogous

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



28.9022, 0.2421, 0.2524



28.9022, 0.2778, 0.2542



28.9022, 0.3259, 0.2725

Triad

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



28.9022, 0.2778, 0.2542



28.9022, 0.4084, 0.3792



28.9022, 0.2531, 0.3534

Complementary

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



28.9022, 0.2778, 0.2542



48.5988, 0.3418, 0.3988

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.



28.9022, 0.2943, 0.3970



28.9022, 0.2778, 0.2542



28.9022, 0.3847, 0.4084

Square

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



28.9022, 0.2778, 0.2542



28.9022, 0.4047, 0.3413



28.9022, 0.3426, 0.4172



28.9022, 0.2286, 0.3054

Rectangle

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



28.9022, 0.2778, 0.2542



28.9022, 0.3587, 0.2920



28.9022, 0.3426, 0.4172



28.9022, 0.2653, 0.3695

Sweetspot

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



28.9034, 0.2778, 0.2542



79.2235, 0.3036, 0.3087



41.4424, 0.2718, 0.3116



16.8524, 0.3018, 0.3047



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



28.9034, 0.2778, 0.2542



44.3627, 0.2679, 0.2344



31.5925, 0.3020, 0.2593



9.3374, 0.3022, 0.3056



2.9130, 0.1654, 0.0685



0.1462, 0.1916, 0.0829

Inverse Universe

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



32.7596, 0.3287, 0.2778



52.5541, 0.3333, 0.2657



45.8912, 0.3203, 0.4037



9.6544, 0.3175, 0.3119



8.6018, 0.3952, 0.1951



0.3468, 0.3738, 0.1833

Previews

White Background



This preview shows how the Yxy color 28.9022, 0.2778, 0.2542 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 28.9022, 0.2778, 0.2542 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 28.9022, 0.2778, 0.2542

Background



This preview shows how black text looks on a background with the Yxy color 28.9022, 0.2778, 0.2542.



This preview shows how white text looks on a background with the Yxy color 28.9022, 0.2778, 0.2542.

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

28.9022, 0.2778, 0.2542

Protanopia

29.0965, 0.2581, 0.2546

Deuteranopia

28.9826, 0.2658, 0.2604



Tritanopia

28.7961, 0.3023, 0.3102

Trichromacy



Original Color

28.9022, 0.2778, 0.2542

Protanomaly

29.0289, 0.2643, 0.2540

Deuteranomaly

28.8145, 0.2699, 0.2581

Tritanomaly

28.8054, 0.2933, 0.2893

Monochromacy



Original Color

28.9022, 0.2778, 0.2542

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.4152, 0.2998, 0.2999

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9022, 0.2778, 0.2542 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(152, 139, 191)` looks like.

```
.text, #text, p{  
    color:rgb(152, 139, 191)  
}
```

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(152, 139, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 139, 191) }
```

Border

The CSS property to change the border of an element to Yxy 28.9022, 0.2778, 0.2542 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(152, 139, 191) }
```

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

```
.border{ border-color:rgb(152, 139, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 139, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 139, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 139, 191);  
box-shadow:4px 4px 4px 4px rgb(152, 139,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9022, 0.2778, 0.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 139, 191) }
```

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

```
.background{ background-color: rgb(152,  
139, 191) }
```

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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