

Converting Colors

$Y_{xy}(25.8894, 0.2966, 0.2516)$

Have a look what the booklet for
Yxy(25.8894, 0.2966, 0.2516)
contains.

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Color

Yxy(25.8984, 0.2969, 0.2513)

Conversions

Conversions Part 1

Format	Color
Hex	A27EB4
RGB	162, 126, 180
RGB Percent	64%, 49%, 71%
CMY	0.3647, 0.5059, 0.2941
CMYK	0.10, 0.30, 0.00, 0.29
HSL	280°, 26%, 60%
HSV	280°, 30%, 71%
XYZ	30.5978, 25.8984, 46.5615
YIQ	142.9200, 4.1220, 24.4260

Conversions

Conversions Part 2

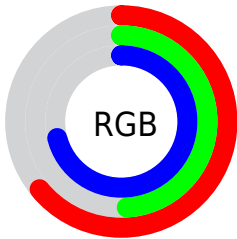
Format	Color
R_{YB}	162, 126, 180
Decimal	10649268
CIE _{Lab}	57.94, 23.97, -23.20
CIE _{LCh}	58, 33.355, 315.941
Yxy	25.8984, 0.2969, 0.2513
Android (android.graphics.Color)	4288839348 (0xFFA27EB4)
YUV	142.9200, 18.2804, 16.7332
Hunter-Lab	50.8905, 18.2646, -18.6232

Details

The Yxy color **25.8984, 0.2969, 0.2513** is a light color, and the websafe version is hex **996699**. A complement of this color would be **40.0753, 0.3241, 0.4111**, and the grayscale version is **27.3596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0480, 0.3003, 0.2661**, and **10.0162, 0.2906, 0.2266** is the 20% darker color. If you saturate the color by 10%, you get **21.0893, 0.2899, 0.2239**, and if you desaturate by 10%, it is **31.5678, 0.3030, 0.2784**.

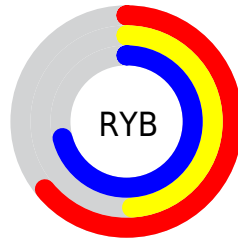
Distribution



Red (64%)

Green (49%)

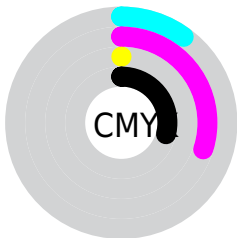
Blue (71%)



Red (64%)

Yellow (49%)

Blue (71%)

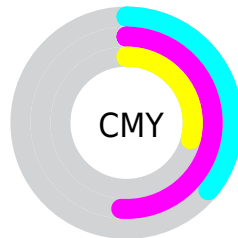


Cyan (10%)

Magenta (30%)

Yellow (0%)

Black (29%)



Cyan (36%)


Magenta (51%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8984, 0.2969, 0.2513 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 25.8984, 0.2969, 0.2513 by changing the saturation by 10% instead.


 25.8984, 0.2969,
0.2513


 25.8984, 0.2969,
0.2513


282.2830, 0.3063,
0.2915


 16.7476, 0.2940,
0.2409


 53.1110, 0.3007,
0.2662

 10.0547, 0.2900,
0.2273


 71.9416, 0.3020,
0.2717

 5.4353, 0.2840,
0.2090


 94.7677, 0.3030,
0.2764

 2.5048, 0.2743,
0.1830

121.9735, 0.3039,
0.2803

 0.8791, 0.2567,
0.1443

153.9436, 0.3047,
0.2837

 0.0000, 0.2044,
0.0000

191.0623, 0.3053,

 0.0000, 0.0000,

0.2867

0.0000

233.7139, 0.3058,
0.2893

■ 25.8984, 0.2969,
0.2513

■ 25.8984, 0.2969,
0.2513

■ 21.0893, 0.2899,
0.2239

■ 31.5678, 0.3030,
0.2784

■ 17.0924, 0.2821,
0.1970

■ 38.1358, 0.3083,
0.3045

■ 13.8599, 0.2736,
0.1719

■ 45.6423, 0.3127,
0.3290

■ 11.3372, 0.2648,
0.1498

■ 54.1236, 0.3164,
0.3518

■ 9.4626, 0.2558,
0.1316

■ 63.6143, 0.3194,
0.3726

8.1633, 0.2469,
0.1182

74.1472, 0.3218,
0.3915

7.2880, 0.2385,
0.1088

85.7536, 0.3238,
0.4086

7.2874, 0.2385,
0.1088

88.5160, 0.3273,
0.4105

89.4133, 0.3312,
0.4095

Harmonies

Analogous

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



25.8984, 0.2482, 0.2398



25.8984, 0.2969, 0.2513



25.8984, 0.3548, 0.2793

Triad

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



25.8984, 0.2969, 0.2513



25.8984, 0.4137, 0.4037



25.8984, 0.2280, 0.3298

Complementary

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



25.8984, 0.2969, 0.2513



40.0753, 0.3241, 0.4111

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.



25.8984, 0.2668, 0.3871



25.8984, 0.2969, 0.2513



25.8984, 0.3742, 0.4297

Square

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



25.8984, 0.2969, 0.2513



25.8984, 0.4257, 0.3628



25.8984, 0.3202, 0.4259



25.8984, 0.2114, 0.2791

Rectangle

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



25.8984, 0.2969, 0.2513



25.8984, 0.3898, 0.3047



25.8984, 0.3202, 0.4259



25.8984, 0.2387, 0.3493

Sweetspot

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



25.8995, 0.2969, 0.2513



70.2308, 0.3087, 0.3066



27.9519, 0.2641, 0.2739



14.7828, 0.3080, 0.3030



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



25.8995, 0.2969, 0.2513



41.0196, 0.2924, 0.2331



27.6004, 0.3247, 0.2658



8.5020, 0.3086, 0.3062



5.1245, 0.2395, 0.1093



0.1915, 0.2630, 0.1222

Inverse Universe

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



26.6396, 0.3565, 0.3033



42.6791, 0.3702, 0.2974



38.7996, 0.3027, 0.4018



8.5504, 0.3236, 0.3214



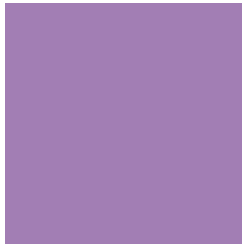
7.0113, 0.5604, 0.2861



0.2317, 0.4810, 0.2423

Previews

White Background



This preview shows how the Yxy color 25.8984, 0.2969, 0.2513 looks on a white background.

Color Contrast Check

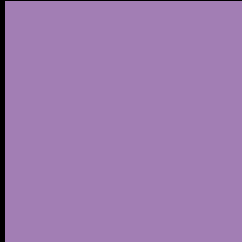
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8984, 0.2969, 0.2513 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 25.8984, 0.2969, 0.2513

Background



This preview shows how black text looks on a background with the Yxy color 25.8984, 0.2969, 0.2513.



This preview shows how white text looks on a background with the Yxy color 25.8984, 0.2969, 0.2513.

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

25.8984, 0.2969, 0.2513

Protanopia

26.2111, 0.2552, 0.2503

Deuteranopia

26.0922, 0.2706, 0.2649



Tritanopia

25.8261, 0.3282, 0.3133

Trichromacy



Original Color

25.8984, 0.2969, 0.2513

Protanomaly

25.9986, 0.2683, 0.2503

Deuteranomaly

25.9590, 0.2798, 0.2592

Tritanomaly

25.6347, 0.3168, 0.2892

Monochromacy



Original Color

25.8984, 0.2969, 0.2513

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.7757, 0.3076, 0.2993

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8984, 0.2969, 0.2513 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(162, 126, 180)` looks like.

```
.text, #text, p{  
    color:rgb(162, 126, 180)  
}
```

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(162, 126, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 126, 180) }
```

Border

The CSS property to change the border of an element to Yxy 25.8984, 0.2969, 0.2513 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(162, 126, 180) }
```

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

```
.border{ border-color:rgb(162, 126, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 126, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 126, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 126, 180);  
box-shadow:4px 4px 4px 4px rgb(162, 126,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8984, 0.2969, 0.2513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 126, 180) }
```

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

```
.background{ background-color: rgb(162,  
126, 180) }
```

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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