

Converting Colors

$Y_{xy}(25.9154, 0.2790, 0.2216)$

Have a look what the booklet for
Yxy(25.9154, 0.2790, 0.2216)
contains.

Yxy(25.9226, 0.2785, 0.2214)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.9226, 0.2785, 0.2214)

Conversions

Conversions Part 1

Format	Color
Hex	A37AC9
RGB	163, 122, 201
RGB Percent	64%, 48%, 79%
CMY	0.3608, 0.5216, 0.2117
CMYK	0.19, 0.39, 0.00, 0.21
HSL	271°, 42%, 63%
HSV	271°, 39%, 79%
XYZ	32.6081, 25.9226, 58.5542
YIQ	143.2650, -0.9230, 33.2610

Conversions

Conversions Part 2

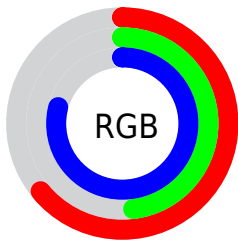
Format	Color
RYB	163, 122, 201
Decimal	10713801
CIELab	57.96, 31.22, -35.12
CIELCh	58, 46.986, 311.635
Yxy	25.9226, 0.2785, 0.2214
Android (android.graphics.Color)	4288903881 (0xFFA37AC9)
YUV	143.2650, 28.4634, 17.3076
Hunter-Lab	50.9142, 25.2208, -32.5468

Details

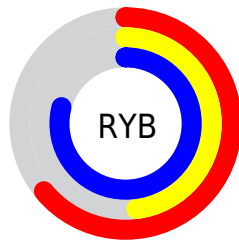
The Yxy color **25.9226, 0.2785, 0.2214** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **50.6621, 0.3362, 0.4379**, and the grayscale version is **27.4646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9400, 0.2884, 0.2439**, and **10.0563, 0.2650, 0.1902** is the 20% darker color. If you saturate the color by 10%, you get **20.5052, 0.2669, 0.1921**, and if you desaturate by 10%, it is **32.4411, 0.2890, 0.2507**.

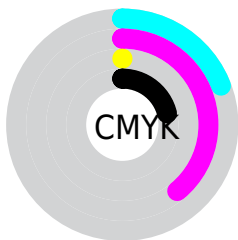
Distribution



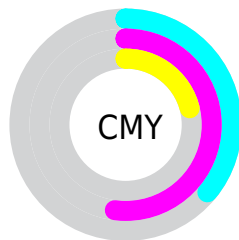
- Red (64%)
- Green (48%)
- Blue (79%)



- Red (64%)
- Yellow (48%)
- Blue (79%)



- Cyan (19%)
- Magenta (39%)
- Yellow (0%)
- Black (21%)




- Cyan (36%)
- Magenta (52%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9226, 0.2785, 0.2214 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 25.9226, 0.2785, 0.2214 by changing the saturation by 10% instead.

 25.9226, 0.2785,
0.2214


 25.9226, 0.2785,
0.2214


282.4019, 0.2982,
0.2755


 16.7657, 0.2728,
0.2080


 53.1501, 0.2862,
0.2410

 10.0676, 0.2650,
0.1911


 71.9894, 0.2890,
0.2484

 5.4438, 0.2540,
0.1691


 94.8251, 0.2912,
0.2547

 2.5099, 0.2372,
0.1398

122.0415, 0.2931,
0.2600

 0.8816, 0.2100,
0.1001

154.0230, 0.2946,
0.2647

 0.0000, 0.1625,
0.0000

191.1540, 0.2960,

 0.0000, 0.0000,

0.2688

0.0000

233.8188, 0.2971,
0.2724

■ 25.9226, 0.2785,
0.2214

■ 25.9226, 0.2785,
0.2214

■ 20.5052, 0.2669,
0.1921

■ 32.4411, 0.2890,
0.2507

■ 16.1205, 0.2545,
0.1642

■ 40.1173, 0.2983,
0.2791

■ 12.6975, 0.2418,
0.1390


■ 49.0073, 0.3063,
0.3059

■ 10.1540, 0.2291,
0.1180


■ 59.1629, 0.3132,
0.3306


■ 8.3935, 0.2171,
0.1021

■ 70.6327, 0.3189,
0.3533

 7.2499, 0.2062,
0.0913

 83.4627, 0.3238,
0.3737

 7.1795, 0.2055,
0.0906

 92.6768, 0.3287,
0.3848

 94.3280, 0.3351,
0.3837

 96.0694, 0.3415,
0.3826

Harmonies

Analogous

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



25.9226, 0.2170, 0.2091



25.9226, 0.2785, 0.2214



25.9226, 0.3590, 0.2550

Triad

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



25.9226, 0.2785, 0.2214



25.9226, 0.4560, 0.4187



25.9226, 0.2021, 0.3395

Complementary

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



25.9226, 0.2785, 0.2214



50.6621, 0.3362, 0.4379

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.



25.9226, 0.2566, 0.4243



25.9226, 0.2785, 0.2214



25.9226, 0.4034, 0.4646

Square

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



25.9226, 0.2785, 0.2214



25.9226, 0.4696, 0.3611



25.9226, 0.3304, 0.4735



25.9226, 0.1776, 0.2653

Rectangle

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



25.9226, 0.2785, 0.2214



25.9226, 0.4113, 0.2865



25.9226, 0.3304, 0.4735



25.9226, 0.2172, 0.3686

Sweetspot

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



25.9237, 0.2785, 0.2214



79.3206, 0.3041, 0.2984



33.5636, 0.2497, 0.2688



16.5376, 0.3031, 0.2949



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.



25.9237, 0.2785, 0.2214



36.5062, 0.2689, 0.1969



30.4952, 0.3185, 0.2344



10.5536, 0.3062, 0.3057



4.5681, 0.2070, 0.0914



0.2593, 0.2295, 0.1038

Inverse Universe

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



28.8776, 0.3626, 0.2800



42.4716, 0.3782, 0.2698



47.3574, 0.3063, 0.4462



10.7205, 0.3216, 0.3179



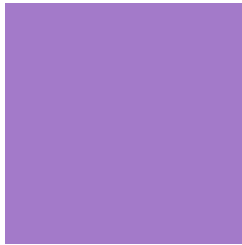
8.3651, 0.5019, 0.2539



0.4107, 0.4544, 0.2277

Previews

White Background



This preview shows how the Yxy color 25.9226, 0.2785, 0.2214 looks on a white background.

Color Contrast Check

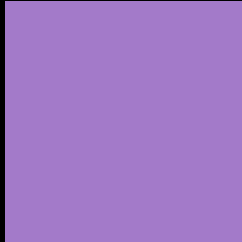
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9226, 0.2785, 0.2214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

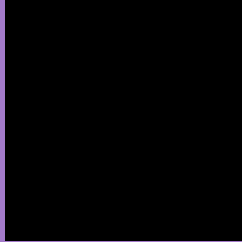
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9226, 0.2785, 0.2214

Background



This preview shows how black text looks on a background with the Yxy color 25.9226, 0.2785, 0.2214.



This preview shows how white text looks on a background with the Yxy color 25.9226, 0.2785, 0.2214.

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

25.9226, 0.2785, 0.2214

Protanopia

26.1402, 0.2297, 0.2173

Deuteranopia

26.1057, 0.2434, 0.2375



Tritanopia

25.9338, 0.3247, 0.3132

Trichromacy



Original Color

25.9226, 0.2785, 0.2214

Protanomaly

25.9313, 0.2450, 0.2182

Deuteranomaly

25.6944, 0.2544, 0.2303

Tritanomaly

25.8500, 0.3064, 0.2762

Monochromacy



Original Color

25.9226, 0.2785, 0.2214

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.4923, 0.2998, 0.2843

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9226, 0.2785, 0.2214 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(163, 122, 201)` looks like.

```
.text, #text, p{  
    color:rgb(163, 122, 201)  
}
```

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(163, 122, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 122, 201) }
```

Border

The CSS property to change the border of an element to Yxy 25.9226, 0.2785, 0.2214 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(163, 122, 201) }
```

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

```
.border{ border-color:rgb(163, 122, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 122, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 122, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 122, 201);  
box-shadow:4px 4px 4px 4px rgb(163, 122,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9226, 0.2785, 0.2214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 122, 201) }
```

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

```
.background{ background-color: rgb(163,  
122, 201) }
```

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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