

Converting Colors

$Yxy(30.5034, 0.2785, 0.2555)$

Have a look what the booklet for
Yxy(30.5034, 0.2785, 0.2555)
contains.

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Color

Yxy(30.6530, 0.2786, 0.2558)

Conversions

Conversions Part 1

Format	Color
Hex	9C8FC3
RGB	156, 143, 195
RGB Percent	61%, 56%, 76%
CMY	0.3882, 0.4392, 0.2352
CMYK	0.20, 0.27, 0.00, 0.24
HSL	255°, 30%, 66%
HSV	255°, 27%, 76%
XYZ	33.3852, 30.6530, 55.7937
YIQ	152.8150, -8.9440, 18.9280

Conversions

Conversions Part 2

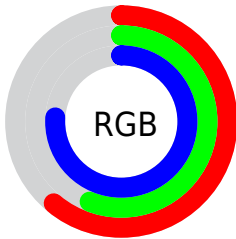
Format	Color
R_{YB}	156, 143, 195
Decimal	10260419
CIE _{Lab}	62.21, 15.66, -25.19
CIE _{LCh}	62, 29.661, 301.859
Yxy	30.6530, 0.2786, 0.2558
Android (android.graphics.Color)	4288450499 (0xFF9C8FC3)
YUV	152.8150, 20.7972, 2.7932
Hunter-Lab	55.3652, 10.7464, -20.9934

Details

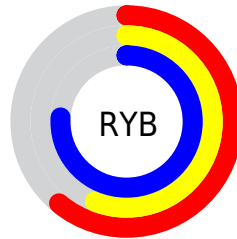
The Yxy color $30.6530, 0.2786, 0.2558$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $50.9644, 0.3413, 0.3974$, and the grayscale version is $31.6827, 0.3127, 0.3290$.

A 20% lighter version of the original color is $60.8097, 0.2854, 0.2695$, and $12.6948, 0.2672, 0.2350$ is the 20% darker color. If you saturate the color by 10%, you get $23.9271, 0.2627, 0.2241$, and if you desaturate by 10%, it is $38.5748, 0.2928, 0.2854$.

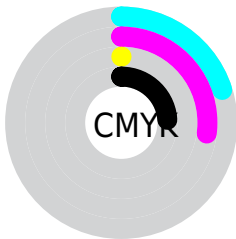
Distribution



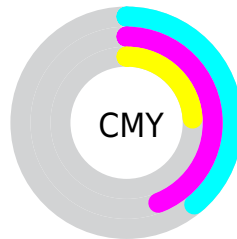
- Red (61%)
- Green (56%)
- Blue (76%)



- Red (61%)
- Yellow (56%)
- Blue (76%)



- Cyan (20%)
- Magenta (27%)
- Yellow (0%)
- Black (24%)





- Cyan (39%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6530, 0.2786, 0.2558 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 30.6530, 0.2786, 0.2558 by changing the saturation by 10% instead.


 30.6530, 0.2786,
0.2558


 30.6530, 0.2786,
0.2558


304.9365, 0.2971,
0.2931


 20.3348, 0.2736,
0.2463


 60.6933, 0.2856,
0.2695

 12.6386, 0.2668,
0.2341


 81.1842, 0.2882,
0.2746

 7.1802, 0.2574,
0.2178


 105.8348, 0.2903,
0.2789

 3.5750, 0.2436,
0.1951

135.0294, 0.2921,
0.2826

 1.4388, 0.2214,
0.1619

169.1525, 0.2936,
0.2858

 0.2451, 0.1849,
0.0736

208.5885, 0.2949,

 0.0000, 0.0000,

0.2885

0.0000

253.7217, 0.2961,
0.2910

■ 30.6530, 0.2786,
0.2558

■ 30.6530, 0.2786,
0.2558

■ 23.9271, 0.2627,
0.2241

■ 38.5748, 0.2928,
0.2854

■ 18.3345, 0.2455,
0.1914

■ 47.7435, 0.3053,
0.3125

■ 13.8124, 0.2276,
0.1591

■ 58.2117, 0.3161,
0.3368

■ 10.2904, 0.2097,
0.1290

■ 70.0279, 0.3254,
0.3583

■ 7.6894, 0.1930,
0.1033

■ 83.2379, 0.3333,
0.3774

■ 5.9177, 0.1787,
0.0838

■ 94.6491, 0.3408,
0.3895

■ 4.8561, 0.1674,
0.0711

■ 96.7207, 0.3484,
0.3880

■ 4.5881, 0.1642,
0.0678

Harmonies

Analogous

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



30.6530, 0.2436, 0.2541



30.6530, 0.2786, 0.2558



30.6530, 0.3255, 0.2737

Triad

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



30.6530, 0.2786, 0.2558



30.6530, 0.4061, 0.3782



30.6530, 0.2545, 0.3529

Complementary

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



30.6530, 0.2786, 0.2558



50.9644, 0.3413, 0.3974

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.



30.6530, 0.2949, 0.3953



30.6530, 0.2786, 0.2558



30.6530, 0.3832, 0.4066

Square

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



30.6530, 0.2786, 0.2558



30.6530, 0.4024, 0.3411



30.6530, 0.3420, 0.4150



30.6530, 0.2305, 0.3061

Rectangle

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



30.6530, 0.2786, 0.2558



30.6530, 0.3576, 0.2928



30.6530, 0.3420, 0.4150



30.6530, 0.2665, 0.3685

Sweetspot

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



30.6542, 0.2786, 0.2558



82.9703, 0.3036, 0.3087



43.2400, 0.2725, 0.3108



17.5972, 0.3018, 0.3047



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.



30.6542, 0.2786, 0.2558



47.6247, 0.2695, 0.2376



33.5316, 0.3031, 0.2608



9.8670, 0.3021, 0.3055



3.0157, 0.1653, 0.0685



0.1642, 0.1896, 0.0818

Inverse Universe

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



34.6260, 0.3283, 0.2788



55.9977, 0.3326, 0.2676



48.0872, 0.3195, 0.4023



10.2031, 0.3175, 0.3119



8.9082, 0.3954, 0.1952



0.3954, 0.3754, 0.1842

Previews

White Background



This preview shows how the Yxy color 30.6530, 0.2786, 0.2558 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.6530, 0.2786, 0.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

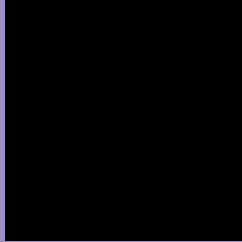
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6530, 0.2786, 0.2558

Background



This preview shows how black text looks on a background with the Yxy color 30.6530, 0.2786, 0.2558.



This preview shows how white text looks on a background with the Yxy color 30.6530, 0.2786, 0.2558.

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

30.6530, 0.2786, 0.2558

Protanopia

30.8527, 0.2592, 0.2562

Deuteranopia

30.8256, 0.2676, 0.2620



Tritanopia

30.5521, 0.3026, 0.3106

Trichromacy



Original Color

30.6530, 0.2786, 0.2558

Protanomaly

30.7843, 0.2654, 0.2556

Deuteranomaly

30.6559, 0.2717, 0.2599

Tritanomaly

30.5600, 0.2937, 0.2902

Monochromacy



Original Color

30.6530, 0.2786, 0.2558

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.1921, 0.3001, 0.3006

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6530, 0.2786, 0.2558 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(156, 143, 195)` looks like.

```
.text, #text, p{  
    color:rgb(156, 143, 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(156, 143, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 143, 195) }
```

Border

The CSS property to change the border of an element to Yxy 30.6530, 0.2786, 0.2558 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(156, 143, 195) }
```

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

```
.border{ border-color:rgb(156, 143, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 143, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 143, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 143, 195); box-shadow:4px 4px 4px 4px rgb(156, 143, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6530, 0.2786, 0.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 143, 195) }
```

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

```
.background{ background-color: rgb(156,  
143, 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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