

Converting Colors

$Y_{xy}(25.6976, 0.3063, 0.2837)$

Have a look what the booklet for
Yxy(25.6976, 0.3063, 0.2837)
contains.

Yxy(25.5781, 0.3061, 0.2828)	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(25.5781, 0.3061, 0.2828)

Conversions

Conversions Part 1

Format	Color
Hex	9983A1
RGB	153, 131, 161
RGB Percent	60%, 51%, 63%
CMY	0.4000, 0.4863, 0.3687
CMYK	0.05, 0.19, 0.00, 0.37
HSL	284°, 14%, 57%
HSV	284°, 19%, 63%
XYZ	27.6855, 25.5781, 37.1823
YIQ	140.9980, 3.4820, 13.9940

Conversions

Conversions Part 2

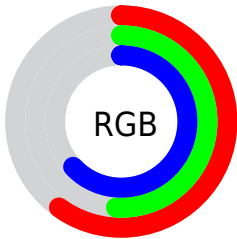
Format	Color
RYB	153, 131, 161
Decimal	10060705
CIELab	57.63, 14.05, -12.84
CIELCh	58, 19.034, 317.586
Yxy	25.5781, 0.3061, 0.2828
Android (android.graphics.Color)	4288250785 (0xFF9983A1)
YUV	140.9980, 9.8610, 10.5258
Hunter-Lab	50.5748, 9.2080, -8.1873




Details

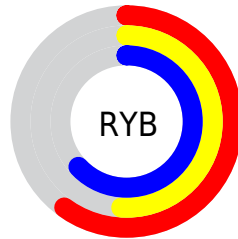
The Yxy color $25.5781, 0.3061, 0.2828$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $32.6042, 0.3180, 0.3774$, and the grayscale version is $26.5953, 0.3127, 0.3290$.




A 20% lighter version of the original color is $52.6487, 0.3079, 0.2918$, and $9.9635, 0.3041, 0.2691$ is the 20% darker color. If you saturate the color by 10%, you get $21.1771, 0.3016, 0.2565$, and if you desaturate by 10%, it is $30.6680, 0.3099, 0.3082$.

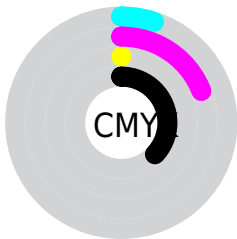
Distribution







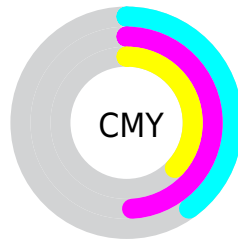
-  Red (60%)
-  Green (51%)
-  Blue (63%)






-  Red (60%)
-  Yellow (51%)
-  Blue (63%)



-  Cyan (5%)
-  Magenta (19%)
-  Yellow (0%)
-  Black (37%)





-  Cyan (40%)
-  Magenta (49%)
-  Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5781, 0.3061, 0.2828 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 25.5781, 0.3061, 0.2828 by changing the saturation by 10% instead.


 25.5781, 0.3061,
0.2828


 25.5781, 0.3061,
0.2828


280.7048, 0.3100,
0.3074


 16.5083, 0.3049,
0.2761


 52.5935, 0.3077,
0.2921

 9.8845, 0.3031,
0.2672


 71.3079, 0.3082,
0.2955

 5.3225, 0.3005,
0.2547


 94.0060, 0.3087,
0.2983

 2.4377, 0.2960,
0.2359

121.0721, 0.3090,
0.3007

 0.8452, 0.2872,
0.2049

152.8906, 0.3093,
0.3028

 0.0000, 0.1332,
0.0000

189.8460, 0.3096,

 0.0000, 0.0000,

0.3045

0.0000

232.3226, 0.3098,
0.3061

■ 25.5781, 0.3061,
0.2828

■ 25.5781, 0.3061,
0.2828

■ 21.1771, 0.3016,
0.2565

■ 30.6680, 0.3099,
0.3082

■ 17.4306, 0.2964,
0.2300

■ 36.4726, 0.3131,
0.3322

■ 14.3063, 0.2905,
0.2042

■ 43.0203, 0.3157,
0.3546

■ 11.7675, 0.2840,
0.1802

■ 50.3371, 0.3178,
0.3752

■ 9.7740, 0.2772,
0.1589

■ 58.4477, 0.3195,
0.3941

■ 8.2800, 0.2701,
0.1414

■ 67.3755, 0.3208,
0.4111

■ 7.2324, 0.2631,
0.1283

■ 77.1432, 0.3218,
0.4265

■ 6.5288, 0.2562,
0.1192

■ 84.6843, 0.3231,
0.4361

■ 6.4388, 0.2552,
0.1180

■ 85.2324, 0.3258,
0.4352

Harmonies

Analogous

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



25.5781, 0.2764, 0.2756



25.5781, 0.3061, 0.2828



25.5781, 0.3391, 0.3008

Triad

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



25.5781, 0.3061, 0.2828



25.5781, 0.3706, 0.3753



25.5781, 0.2620, 0.3289

Complementary

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



25.5781, 0.3061, 0.2828



32.6042, 0.3180, 0.3774

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.



25.5781, 0.2853, 0.3597



25.5781, 0.3061, 0.2828



25.5781, 0.3480, 0.3868

Square

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



25.5781, 0.3061, 0.2828



25.5781, 0.3774, 0.3526



25.5781, 0.3166, 0.3816



25.5781, 0.2520, 0.3002

Rectangle

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



25.5781, 0.3061, 0.2828



25.5781, 0.3582, 0.3169



25.5781, 0.3166, 0.3816



25.5781, 0.2685, 0.3395

Sweetspot

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



25.5792, 0.3061, 0.2828



57.4272, 0.3108, 0.3144



25.8616, 0.2835, 0.2930



12.4633, 0.3106, 0.3129



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.5792, 0.3061, 0.2828



42.6919, 0.3045, 0.2729



26.1400, 0.3222, 0.2941



7.1071, 0.3097, 0.3066



5.1650, 0.2558, 0.1183



0.1296, 0.2807, 0.1320

Inverse Universe

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



25.6707, 0.3389, 0.3167



42.9067, 0.3455, 0.3140



32.1401, 0.3044, 0.3666



7.1154, 0.3245, 0.3231



6.1955, 0.5834, 0.2988



0.1375, 0.4881, 0.2463

Previews

White Background



This preview shows how the Yxy color 25.5781, 0.3061, 0.2828 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 25.5781, 0.3061, 0.2828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

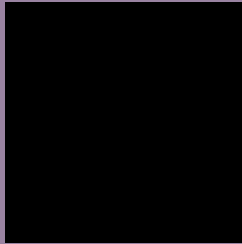
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5781, 0.3061, 0.2828

Background



This preview shows how black text looks on a background with the Yxy color 25.5781, 0.3061, 0.2828.



This preview shows how white text looks on a background with the Yxy color 25.5781, 0.3061, 0.2828.

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

25.5781, 0.3061, 0.2828

Protanopia

25.5945, 0.2817, 0.2837

Deuteranopia

25.6168, 0.2953, 0.2891



Tritanopia

25.6431, 0.3213, 0.3131

Trichromacy



Original Color

25.5781, 0.3061, 0.2828

Protanomaly

25.5837, 0.2895, 0.2829

Deuteranomaly

25.6993, 0.2995, 0.2880

Tritanomaly

25.6525, 0.3162, 0.3022

Monochromacy



Original Color

25.5781, 0.3061, 0.2828

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.0492, 0.3103, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5781, 0.3061, 0.2828 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(153, 131, 161)` looks like.

```
.text, #text, p{  
    color:rgb(153, 131, 161)  
}
```

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(153, 131, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 131, 161) }
```

Border

The CSS property to change the border of an element to Yxy 25.5781, 0.3061, 0.2828 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(153, 131, 161) }
```

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

```
.border{ border-color:rgb(153, 131, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 131, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 131, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 131, 161);  
box-shadow:4px 4px 4px 4px rgb(153, 131,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5781, 0.3061, 0.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 131, 161) }
```

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

```
.background{ background-color: rgb(153,  
131, 161) }
```

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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