

Converting Colors

$Y_{xy}(23.5751, 0.2910, 0.2655)$

Have a look what the booklet for
Yxy(23.5751, 0.2910, 0.2655)
contains.

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Color

Yxy(23.6042, 0.2913, 0.2661)

Conversions

Conversions Part 1

Format	Color
Hex	907EA6
RGB	144, 126, 166
RGB Percent	56%, 49%, 65%
CMY	0.4354, 0.5058, 0.3491
CMYK	0.13, 0.24, 0.00, 0.35
HSL	267°, 18%, 57%
HSV	267°, 24%, 65%
XYZ	25.8395, 23.6042, 39.2605
YIQ	135.9420, -2.1120, 16.2560

Conversions

Conversions Part 2

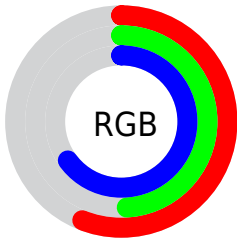
Format	Color
RYB	144, 126, 166
Decimal	9469606
CIELab	55.69, 14.90, -18.75
CIELCh	56, 23.949, 308.475
Yxy	23.6042, 0.2913, 0.2661
Android (android.graphics.Color)	4287659686 (0xFF907EA6)
YUV	135.9420, 14.8186, 7.0669
Hunter-Lab	48.5842, 9.9132, -13.9029

Details

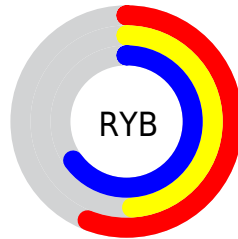
The Yxy color $23.6042, 0.2913, 0.2661$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $35.0706, 0.3304, 0.3912$, and the grayscale version is $24.5410, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.4664, 0.2962, 0.2793$, and $8.8498, 0.2823, 0.2448$ is the 20% darker color. If you saturate the color by 10%, you get $18.9160, 0.2801, 0.2370$, and if you desaturate by 10%, it is $29.0653, 0.3011, 0.2937$.

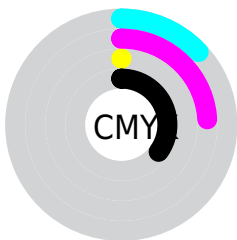
Distribution



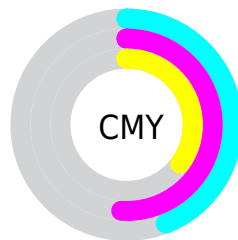
- Red (56%)
- Green (49%)
- Blue (65%)



- Red (56%)
- Yellow (49%)
- Blue (65%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)
- Black (35%)



- Cyan (44%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.6042, 0.2913, 0.2661 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 23.6042, 0.2913, 0.2661 by changing the saturation by 10% instead.

■ 23.6042, 0.2913,
0.2661

■ 23.6042, 0.2913,
0.2661

270.8133, 0.3035,
0.2997

■ 15.0403, 0.2876,
0.2570

■ 49.3835, 0.2962,
0.2789

■ 8.8477, 0.2825,
0.2448

■ 67.3677, 0.2979,
0.2835

■ 4.6419, 0.2750,
0.2278

■ 89.2608, 0.2992,
0.2873

■ 2.0388, 0.2627,
0.2026

115.4472, 0.3004,
0.2906

■ 0.6298, 0.2416,
0.1572

146.3112, 0.3014,
0.2934

■ 0.0000, 0.0000,
0.0000

182.2373, 0.3022,

0.2958

223.6099, 0.3029,
0.2979

■ 23.6042, 0.2913,
0.2661

■ 23.6042, 0.2913,
0.2661

■ 18.9160, 0.2801,
0.2370

■ 29.0653, 0.3011,
0.2937

■ 14.9615, 0.2677,
0.2071

■ 35.3303, 0.3096,
0.3192

■ 11.7024, 0.2543,
0.1776

■ 42.4318, 0.3169,
0.3426

■ 9.0957, 0.2402,
0.1498

■ 50.4000, 0.3230,
0.3636

■ 7.0932, 0.2261,
0.1252

■ 59.2633, 0.3281,
0.3825

■ 5.6399, 0.2126,
0.1053

■ 69.0490, 0.3324,
0.3994

■ 4.6701, 0.2003,
0.0909

■ 79.7830, 0.3360,
0.4144

■ 4.2304, 0.1936,
0.0840

■ 89.0407, 0.3398,
0.4244

■ 90.4817, 0.3459,
0.4224

Harmonies

Analogous

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



23.6042, 0.2570, 0.2614



23.6042, 0.2913, 0.2661



23.6042, 0.3338, 0.2850

Triad

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



23.6042, 0.2913, 0.2661



23.6042, 0.3926, 0.3797



23.6042, 0.2551, 0.3409

Complementary

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



23.6042, 0.2913, 0.2661



35.0706, 0.3304, 0.3912

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.



23.6042, 0.2885, 0.3799



23.6042, 0.2913, 0.2661



23.6042, 0.3683, 0.4011

Square

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



23.6042, 0.2913, 0.2661



23.6042, 0.3945, 0.3478



23.6042, 0.3299, 0.4025



23.6042, 0.2373, 0.3012

Rectangle

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



23.6042, 0.2913, 0.2661



23.6042, 0.3609, 0.3035



23.6042, 0.3299, 0.4025



23.6042, 0.2648, 0.3548

Sweetspot

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



23.6052, 0.2913, 0.2661



60.5067, 0.3072, 0.3116



28.5778, 0.2757, 0.3009



13.3941, 0.3067, 0.3102



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



23.6052, 0.2913, 0.2661



38.0330, 0.2854, 0.2504



25.4987, 0.3125, 0.2700



7.4593, 0.3053, 0.3061



3.3083, 0.1945, 0.0845



0.1111, 0.2341, 0.1063

Inverse Universe

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



25.1702, 0.3353, 0.2958



41.4423, 0.3419, 0.2879



33.4142, 0.3120, 0.3949



7.6089, 0.3203, 0.3166



6.8877, 0.4712, 0.2369



0.1777, 0.4095, 0.2030

Previews

White Background



This preview shows how the Yxy color 23.6042, 0.2913, 0.2661 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 23.6042, 0.2913, 0.2661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

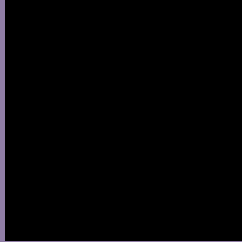
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6042, 0.2913, 0.2661

Background



This preview shows how black text looks on a background with the Yxy color 23.6042, 0.2913, 0.2661.



This preview shows how white text looks on a background with the Yxy color 23.6042, 0.2913, 0.2661.

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

23.6042, 0.2913, 0.2661

Protanopia

23.6899, 0.2681, 0.2666

Deuteranopia

23.6950, 0.2781, 0.2733



Tritanopia

23.7311, 0.3124, 0.3123

Trichromacy



Original Color

23.6042, 0.2913, 0.2661

Protanomaly

23.6551, 0.2754, 0.2659

Deuteranomaly

23.5680, 0.2830, 0.2707

Tritanomaly

23.5652, 0.3042, 0.2945

Monochromacy



Original Color

23.6042, 0.2913, 0.2661

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.0981, 0.3049, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6042, 0.2913, 0.2661 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(144, 126, 166)` looks like.

```
.text, #text, p{  
    color:rgb(144, 126, 166)  
}
```

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(144, 126, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 126, 166) }
```

Border

The CSS property to change the border of an element to Yxy 23.6042, 0.2913, 0.2661 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(144, 126, 166) }
```

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

```
.border{ border-color:rgb(144, 126, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 126, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 126, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 126, 166);  
box-shadow:4px 4px 4px 4px rgb(144, 126,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6042, 0.2913, 0.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 126, 166) }
```

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

```
.background{ background-color: rgb(144,  
126, 166) }
```

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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