

Converting Colors

$Y_{xy}(18.2513, 0.3088, 0.2673)$

Have a look what the booklet for
Yxy(18.2513, 0.3088, 0.2673)
contains.

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Color

Yxy(18.2277, 0.3092, 0.2678)

Conversions

Conversions Part 1

Format	Color
Hex	8B6C90
RGB	139, 108, 144
RGB Percent	55%, 42%, 56%
CMY	0.4548, 0.5765, 0.4353
CMYK	0.03, 0.25, 0.00, 0.44
HSL	292°, 14%, 49%
HSV	292°, 25%, 56%
XYZ	21.0456, 18.2277, 28.7913
YIQ	121.3730, 6.9200, 17.7680

Conversions

Conversions Part 2

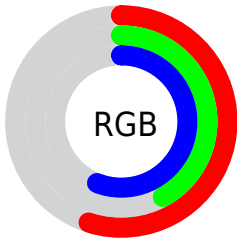
Format	Color
R _Y B	139, 108, 144
Decimal	9137296
CIE Lab	49.77, 18.99, -14.97
CIE LCh	50, 24.185, 321.753
Yxy	18.2277, 0.3092, 0.2678
Android (android.graphics.Color)	4287327376 (0xFF8B6C90)
YUV	121.3730, 11.1551, 15.4589
Hunter-Lab	42.6939, 13.2756, -10.0974

Details

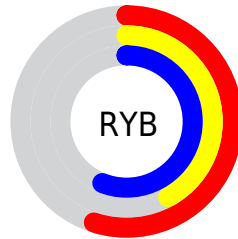
The Yxy color $18.2277, 0.3092, 0.2678$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $24.5358, 0.3147, 0.3963$, and the grayscale version is $19.2097, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.5563, 0.3104, 0.2812$, and $6.1146, 0.3047, 0.2432$ is the 20% darker color. If you saturate the color by 10%, you get $15.2682, 0.3072, 0.2427$, and if you desaturate by 10%, it is $21.6935, 0.3109, 0.2928$.

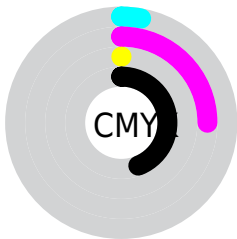
Distribution



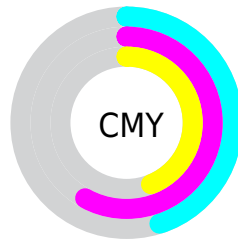
- Red (55%)
- Green (42%)
- Blue (56%)



- Red (55%)
- Yellow (42%)
- Blue (56%)



- Cyan (3%)
- Magenta (25%)
- Yellow (0%)
- Black (44%)



- Cyan (45%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.2277, 0.3092, 0.2678 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 18.2277, 0.3092, 0.2678 by changing the saturation by 10% instead.


 18.2277, 0.3092,
0.2678


 18.2277, 0.3092,
0.2678


242.1514, 0.3118,
0.3017


 11.1136, 0.3082,
0.2581


 40.4249, 0.3104,
0.2810


 6.1433, 0.3065,
0.2448


 56.2769, 0.3108,
0.2857

 2.9324, 0.3036,
0.2254

 75.8102, 0.3110,
0.2895

 1.0965, 0.2976,
0.1950

 99.4093, 0.3112,
0.2928

 0.0000, 0.3011,
0.0000

127.4585, 0.3114,
0.2955

 0.0000, 0.0000,
0.0000

160.3424, 0.3116,

0.2978

198.4452, 0.3117,
0.2999

■ 18.2277, 0.3092,
0.2678

■ 18.2277, 0.3092,
0.2678

■ 15.2682, 0.3072,
0.2427

■ 21.6935, 0.3109,
0.2928

■ 12.7881, 0.3048,
0.2185

■ 25.6863, 0.3122,
0.3172

■ 10.7614, 0.3020,
0.1959

■ 30.2282, 0.3132,
0.3405

■ 9.1588, 0.2990,
0.1760

■ 35.3397, 0.3139,
0.3623

■ 7.9475, 0.2956,
0.1595

■ 41.0400, 0.3144,
0.3825

7.0900, 0.2922,
0.1472

47.3476, 0.3148,
0.4010

6.5362, 0.2887,
0.1389

54.2798, 0.3150,
0.4179

6.3052, 0.2869,
0.1354

61.8537, 0.3150,
0.4332

70.0855, 0.3150,
0.4471

Harmonies

Analogous

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



18.2277, 0.2665, 0.2554



18.2277, 0.3092, 0.2678



18.2277, 0.3561, 0.2938

Triad

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



18.2277, 0.3092, 0.2678



18.2277, 0.3911, 0.3968



18.2277, 0.2386, 0.3216

Complementary

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



18.2277, 0.3092, 0.2678



24.5358, 0.3147, 0.3963

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.



18.2277, 0.2681, 0.3675



18.2277, 0.3092, 0.2678



18.2277, 0.3560, 0.4124

Square

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



18.2277, 0.3092, 0.2678



18.2277, 0.4052, 0.3653



18.2277, 0.3108, 0.4026



18.2277, 0.2281, 0.2825

Rectangle

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



18.2277, 0.3092, 0.2678



18.2277, 0.3824, 0.3162



18.2277, 0.3108, 0.4026



18.2277, 0.2465, 0.3369

Sweetspot

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



18.2285, 0.3092, 0.2678



43.7180, 0.3119, 0.3121



17.1004, 0.2723, 0.2712



9.9420, 0.3119, 0.3109



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



18.2285, 0.3092, 0.2678



29.1142, 0.3081, 0.2537



18.3027, 0.3314, 0.2890



5.4738, 0.3117, 0.3072



5.4988, 0.2871, 0.1355



0.0593, 0.3048, 0.1453

Inverse Universe

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



17.8449, 0.3562, 0.3204



28.3401, 0.3695, 0.3183



24.5028, 0.2979, 0.3727



5.4355, 0.3261, 0.3260



5.2093, 0.6172, 0.3174



0.0517, 0.5395, 0.2746

Previews

White Background



This preview shows how the Yxy color 18.2277, 0.3092, 0.2678 looks on a white 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

Black Background



This preview shows how the Yxy color 18.2277, 0.3092, 0.2678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

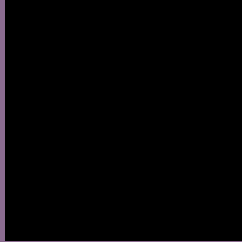
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.2277, 0.3092, 0.2678

Background



This preview shows how black text looks on a background with the Yxy color 18.2277, 0.3092, 0.2678.



This preview shows how white text looks on a background with the Yxy color 18.2277, 0.3092, 0.2678.

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

18.2277, 0.3092, 0.2678

Protanopia

18.2719, 0.2683, 0.2668

Deuteranopia

18.2953, 0.2860, 0.2813



Tritanopia

18.2031, 0.3334, 0.3129

Trichromacy



Original Color

18.2277, 0.3092, 0.2678

Protanomaly

18.2377, 0.2830, 0.2682

Deuteranomaly

18.2290, 0.2942, 0.2755

Tritanomaly

18.2722, 0.3247, 0.2972

Monochromacy



Original Color

18.2277, 0.3092, 0.2678

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.6650, 0.3126, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.2277, 0.3092, 0.2678 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(139, 108, 144)` looks like.

```
.text, #text, p{  
    color:rgb(139, 108, 144)  
}
```

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(139, 108, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 108, 144) }
```

Border

The CSS property to change the border of an element to Yxy 18.2277, 0.3092, 0.2678 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(139, 108, 144) }
```

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

```
.border{ border-color:rgb(139, 108, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 108, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 108, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 108, 144);  
box-shadow:4px 4px 4px 4px rgb(139, 108,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 18.2277, 0.3092, 0.2678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 108, 144) }
```

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

```
.background{ background-color: rgb(139,  
108, 144) }
```

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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