

Converting Colors

$Y_{xy}(18.0011, 0.3256, 0.2681)$

Have a look what the booklet for
Yxy(18.0011, 0.3256, 0.2681)
contains.

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Color

Yxy(18.0900, 0.3262, 0.2695)

Conversions

Conversions Part 1

Format	Color
Hex	94688C
RGB	148, 104, 140
RGB Percent	58%, 41%, 55%
CMY	0.4196, 0.5921, 0.4511
CMYK	0.00, 0.30, 0.05, 0.42
HSL	311°, 17%, 49%
HSV	311°, 30%, 58%
XYZ	21.8959, 18.0900, 27.1384
YIQ	121.2600, 14.6680, 20.5240

Conversions

Conversions Part 2

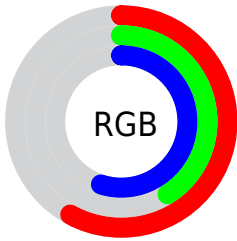
Format	Color
R _Y B	148, 104, 140
Decimal	9726092
CIE Lab	49.61, 23.73, -12.75
CIE LCh	50, 26.939, 331.746
Yxy	18.0900, 0.3262, 0.2695
Android (android.graphics.Color)	4287916172 (0xFF94688C)
YUV	121.2600, 9.2388, 23.4510
Hunter-Lab	42.5323, 17.4615, -8.0582

Details

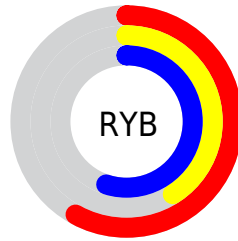
The Yxy color **18.0900, 0.3262, 0.2695** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.2960, 0.3017, 0.3969**, and the grayscale version is **19.1753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3685, 0.3234, 0.2823**, and **6.1079, 0.3313, 0.2471** is the 20% darker color. If you saturate the color by 10%, you get **15.2893, 0.3319, 0.2495**, and if you desaturate by 10%, it is **21.4173, 0.3211, 0.2899**.

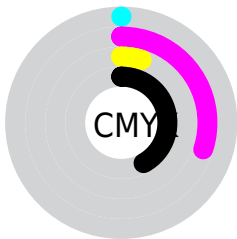
Distribution



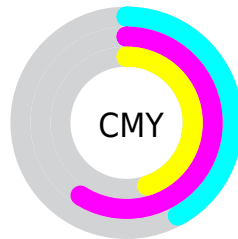
- Red (58%)
- Green (41%)
- Blue (55%)



- Red (58%)
- Yellow (41%)
- Blue (55%)



- Cyan (0%)
- Magenta (30%)
- Yellow (5%)
- Black (42%)




- Cyan (42%)
- Magenta (59%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0900, 0.3262, 0.2695 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 18.0900, 0.3262, 0.2695 by changing the saturation by 10% instead.


 18.0900, 0.3262,
0.2695

 18.0900, 0.3262,
0.2695


241.3778, 0.3191,
0.3024


 11.0146, 0.3281,
0.2601


 40.1906, 0.3235,
0.2823


 6.0767, 0.3306,
0.2471


 55.9847, 0.3225,
0.2869

 2.8918, 0.3339,
0.2282

 75.4537, 0.3217,
0.2906

 1.0755, 0.3385,
0.1986

 98.9821, 0.3210,
0.2937

 0.0000, 0.3892,
0.0000

126.9544, 0.3204,
0.2964

 0.0000, 0.0000,
0.0000

159.7548, 0.3199,

0.2987

197.7678, 0.3195,
0.3007

■ 18.0900, 0.3262,
0.2695

■ 18.0900, 0.3262,
0.2695

■ 15.2893, 0.3319,
0.2495

■ 21.4173, 0.3211,
0.2899

■ 12.9853, 0.3382,
0.2307

■ 25.2941, 0.3166,
0.3100

■ 11.1491, 0.3448,
0.2140

■ 29.7448, 0.3126,
0.3295

■ 9.7476, 0.3517,
0.2003

■ 34.7920, 0.3092,
0.3480

■ 8.7435, 0.3587,
0.1904

■ 40.4565, 0.3063,
0.3653

■ 8.0931, 0.3654,
0.1847

■ 46.7586, 0.3039,
0.3813

■ 7.6872, 0.3720,
0.1825

■ 53.7174, 0.3018,
0.3961

■ 7.6767, 0.3722,
0.1824

■ 61.3514, 0.3000,
0.4097

■ 69.6780, 0.2986,
0.4221

Harmonies

Analogous

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



18.0900, 0.2756, 0.2504



18.0900, 0.3262, 0.2695



18.0900, 0.3768, 0.3018

Triad

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



18.0900, 0.3262, 0.2695



18.0900, 0.3887, 0.4126



18.0900, 0.2243, 0.3040

Complementary

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



18.0900, 0.3262, 0.2695



25.2960, 0.3017, 0.3969

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.



18.0900, 0.2499, 0.3550



18.0900, 0.3262, 0.2695



18.0900, 0.3442, 0.4225

Square

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



18.0900, 0.3262, 0.2695



18.0900, 0.4138, 0.3814



18.0900, 0.2933, 0.4014



18.0900, 0.2204, 0.2663

Rectangle

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



18.0900, 0.3262, 0.2695



18.0900, 0.4018, 0.3278



18.0900, 0.2933, 0.4014



18.0900, 0.2305, 0.3202

Sweetspot

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



18.0908, 0.3262, 0.2695



45.0309, 0.3163, 0.3111



15.4414, 0.2706, 0.2473



10.0554, 0.3169, 0.3085



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



18.0908, 0.3262, 0.2695



28.3681, 0.3301, 0.2554



17.5222, 0.3552, 0.3039



5.8912, 0.3163, 0.3111



6.5601, 0.3719, 0.1822



0.0841, 0.3440, 0.1669

Inverse Universe

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



18.0908, 0.3262, 0.2695



28.3681, 0.3301, 0.2554



25.8282, 0.2832, 0.3558



5.8912, 0.3163, 0.3111



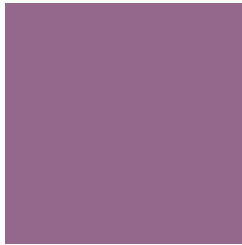
6.5601, 0.3719, 0.1822



0.0841, 0.3440, 0.1669

Previews

White Background



This preview shows how the Yxy color 18.0900, 0.3262, 0.2695 looks on a white background.

Color Contrast Check

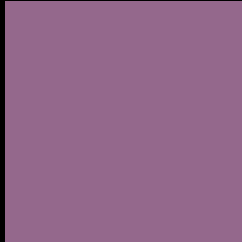
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0900, 0.3262, 0.2695 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 18.0900, 0.3262, 0.2695

Background



This preview shows how black text looks on a background with the Yxy color 18.0900, 0.3262, 0.2695.



This preview shows how white text looks on a background with the Yxy color 18.0900, 0.3262, 0.2695.

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

18.0900, 0.3262, 0.2695

Protanopia

18.2075, 0.2702, 0.2701

Deuteranopia

18.0895, 0.2925, 0.2866



Tritanopia

18.0292, 0.3520, 0.3134

Trichromacy



Original Color

18.0900, 0.3262, 0.2695

Protanomaly

17.9487, 0.2885, 0.2684

Deuteranomaly

17.9788, 0.3036, 0.2792

Tritanomaly

18.1071, 0.3428, 0.2982

Monochromacy



Original Color

18.0900, 0.3262, 0.2695

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.6453, 0.3177, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0900, 0.3262, 0.2695 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(148, 104, 140)` looks like.

```
.text, #text, p{  
    color:rgb(148, 104, 140)  
}
```

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(148, 104, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 104, 140) }
```

Border

The CSS property to change the border of an element to Yxy 18.0900, 0.3262, 0.2695 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(148, 104, 140) }
```

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

```
.border{ border-color:rgb(148, 104, 140) }
```

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

Here you see how a box with a 4 pixel rgb(148, 104, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 104, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 104, 140);  
box-shadow:4px 4px 4px 4px rgb(148, 104,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0900, 0.3262, 0.2695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 104, 140) }
```

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

```
.background{ background-color: rgb(148,  
104, 140) }
```

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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