Converting Colors

Yxy(17.2882, 0.3144, 0.2647)

Have a look what the booklet for Yxy(17.2882, 0.3144, 0.2647) contains.

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Color

Yxy(17.1990, 0.3144, 0.2641)

Conversions

Format	Color
Hex	8C678D
RGB	140, 103, 141
RGB Percent	55%, 40%, 55%
CMY	0.4510, 0.5961, 0.4470
CMYK	0.01, 0.27, 0.00, 0.45
HSL	298°, 16%, 48%
HSV	298°, 27%, 55%
XYZ	20.4747, 17.1990, 27.4494
YIQ	118.3950, 9.8540, 19.6620

Conversions Part 1

Conversions

Conversions Part 2

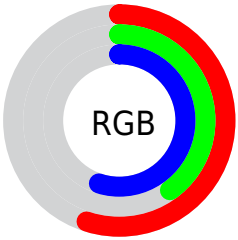
Format	Color
RYB	140, 103, 141
Decimal	9201549
CIELab	48.51, 21.67, -15.12
CIELCh	49, 26.424, 325.095
Yxy	17.1990, 0.3144, 0.2641
Android (android.graphics.Color)	4287391629 (0xFF8C678D)
YUV	118.3950, 11.1443, 18.9476
Hunter-Lab	41.4717, 15.5505, -10.2128

Details

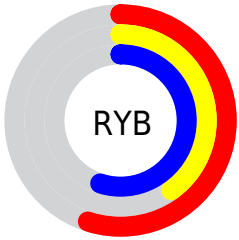
The Yxy color 17.1990, 0.3144, 0.2641 is a dark color, and the websafe version is hex 996699. A complement of this color would be 22.9808, 0.3103, 0.4031, and the grayscale version is 18.2097, 0.3127, 0.3290.

A 20% lighter version of the original color is 38.5207, 0.3142, 0.2772, and 5.6116, 0.3128, 0.2380 is the 20% darker color. If you saturate the color by 10%, you get 14.5941, 0.3149, 0.2403, and if you desaturate by 10%, it is 20.2787, 0.3138, 0.2885.

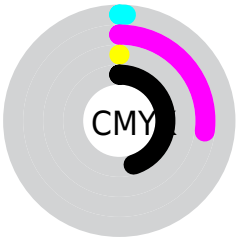
Distribution



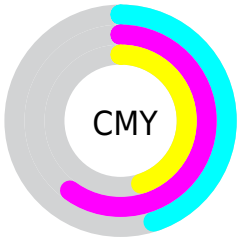
- Red (55%)
- Green (40%)
- Blue (55%)



- Red (55%)
- Yellow (40%)
- Blue (55%)



- Cyan (1%)
- Magenta (27%)
- Yellow (0%)
- Black (45%)



- Cyan (45%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.1990, 0.3144, 0.2641 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 17.1990, 0.3144, 0.2641 by changing the saturation by 10% instead.

17.1990, 0.3144, 0.2641

17.1990, 0.3144, 0.2641

236.3166, 0.3141, 0.3002

10.3765, 0.3142, 0.2537

38.6676, 0.3145, 0.2782

5.6493, 0.3136, 0.2394

54.0825, 0.3144, 0.2832

2.6330, 0.3123, 0.2185

73.1303, 0.3144, 0.2873

0.9433, 0.3087, 0.1856

96.1953, 0.3143, 0.2907

0.0000, 0.2978, 0.0000

123.6621, 0.3143, 0.2936

0.0000, 0.0000, 0.0000

155.9150, 0.3142,

0.2961

193.3383, 0.3141, 0.2983

17.1990, 0.3144, 0.2641

17.1990, 0.3144, 0.2641

14.5941, 0.3149, 0.2403

20.2787, 0.3138, 0.2885

12.4380, 0.3152, 0.2178

23.8531, 0.3132, 0.3126

10.7057, 0.3154, 0.1976

27.9435, 0.3125, 0.3360

9.3688, 0.3155, 0.1805

32.5694, 0.3118, 0.3582

8.3954, 0.3153, 0.1671

37.7494, 0.3111, 0.3790

7.7488, 0.3150, 0.1578

7.3644, 0.3145, 0.1521

7.2616, 0.3144, 0.1505

43.5011, 0.3105, 0.3982

49.8412, 0.3098, 0.4159

56.7859, 0.3092, 0.4319

64.3508, 0.3087, 0.4465

Harmonies

Analogous

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

17.1990, 0.2659, 0.2485

17.1990, 0.3144, 0.2641

17.1990, 0.3663, 0.2938

Triad

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

17.1990, 0.3144, 0.2641

17.1990, 0.3962, 0.4068

17.1990, 0.2283, 0.3147

Complementary

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

17.1990, 0.3144, 0.2641

22.9808, 0.3103, 0.4031

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.

17.1990, 0.2584, 0.3664

17.1990, 0.3144, 0.2641

17.1990, 0.3550, 0.4226

Square

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

17.1990, 0.3144, 0.2641

17.1990, 0.4153, 0.3728

17.1990, 0.3044, 0.4086

17.1990, 0.2195, 0.2731

Rectangle

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

17.1990, 0.3144, 0.2641

17.1990, 0.3944, 0.3189

17.1990, 0.3044, 0.4086

17.1990, 0.2361, 0.3316

Sweetspot

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

17.1998, 0.3144, 0.2641

41.8795, 0.3133, 0.3097

14.7618, 0.2680, 0.2572

9.1501, 0.3134, 0.3064

71.0566, 0.3127, 0.3290

10.6539, 0.3127, 0.3290

Same Dimension

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

17.1998, 0.3144, 0.2641

28.0201, 0.3147, 0.2504

16.8023, 0.3392, 0.2933

5.5037, 0.3133, 0.3073

6.6199, 0.3144, 0.1506

0.0648, 0.3179, 0.1525

Inverse Universe

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

16.3652, 0.3668, 0.3273

26.2872, 0.3828, 0.3269

23.3148, 0.2927, 0.3677

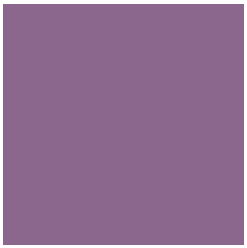
5.4263, 0.3277, 0.3284

5.1713, 0.6359, 0.3277

0.0498, 0.6166, 0.3171

Previews

White Background



This preview shows how the Yxy color 17.1990, 0.3144, 0.2641 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

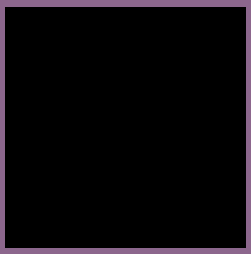
Black Background

Color Contrast Check

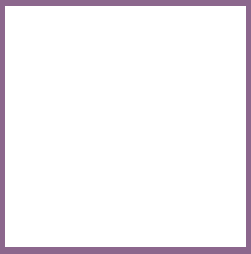
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 17.1990, 0.3144, 0.2641 Background



This preview shows how black text looks on a background with the Yxy color 17.1990, 0.3144, 0.2641.

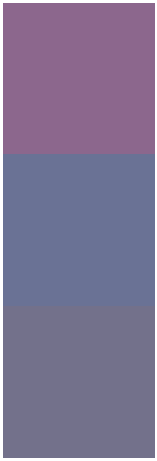


This preview shows how white text looks on a background with the Yxy color 17.1990, 0.3144, 0.2641.

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



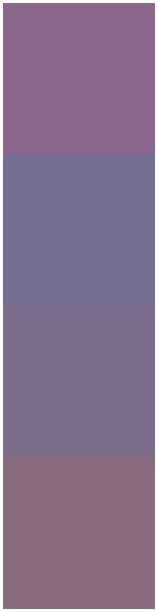
Original Color
17.1990, 0.3144, 0.2641

Protanopia
17.2687, 0.2654, 0.2636

Deuteranopia
17.3192, 0.2854, 0.2803

Tritanopia
17.3044, 0.3424, 0.3146

Trichromacy



Original Color
17.1990, 0.3144, 0.2641

Protanomaly
17.0787, 0.2812, 0.2634

Deuteranomaly
17.1158, 0.2950, 0.2727

Tritanomaly
17.1920, 0.3321, 0.2952

Monochromacy

Original Color
17.1990, 0.3144, 0.2641

Achromatopsia
18.1164, 0.3127, 0.3290

Achromatomaly
17.7522, 0.3138, 0.3049

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1990, 0.3144, 0.2641 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(140, 103, 141) looks like.

```
.text, #text, p{
    color:rgb(140, 103, 141)
}
```

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(140, 103, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 103, 141) }
```

Border

The CSS property to change the border of an element to Yxy 17.1990, 0.3144, 0.2641 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(140, 103, 141) }
```

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

```
.border{ border-color:rgb(140, 103, 141) }
```

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

Here you see how a box with a 4 pixel rgb(140, 103, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 103, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 103, 141); box-shadow:4px 4px 4px 4px rgb(140, 103, 141) }
```

Background

The CSS property to change the background color of an element to Yxy 17.1990, 0.3144, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(140, 103, 141) }
```

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

```
.background{ background-color:rgb(140,
103, 141) }
```

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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