Converting Colors

Yxy(14.1929, 0.2824, 0.2360)

Have a look what the booklet for Yxy(14.1929, 0.2824, 0.2360) contains.

Yxy(14.2528, 0.2822, 0.2363) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 27
- ***CSS Examples*** 30

Color

Yxy(14.2528, 0.2822, 0.2363)

Conversions

Conversions Part 1

Format	Color
Hex	785F92
RGB	120, 95, 146
RGB Percent	47%, 37%, 57%
CMY	0.5296, 0.6274, 0.4275
CMYK	0.18, 0.35, 0.00, 0.43
HSL	269°, 21%, 47%
HSV	269°, 35%, 57%
XYZ	17.0213, 14.2528, 29.0424
YIQ	108.2890, -1.4710, 21.1610

Conversions

Conversions Part 2

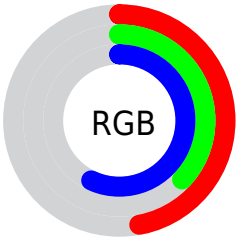
Format	Color
RYB	120, 95, 146
Decimal	7888786
CIELab	44.59, 20.65, -24.27
CIELCh	45, 31.869, 310.395
Yxy	14.2528, 0.2822, 0.2363
Android (android.graphics.Color)	4286078866 (0xFF785F92)
YUV	108.2890, 18.5915, 10.2705
Hunter-Lab	37.7529, 14.4113, -19.1834

Details

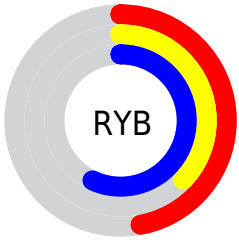
The Yxy color 14.2528, 0.2822, 0.2363 is a dark color, and the websafe version is hex 666699. A complement of this color would be 25.4485, 0.3352, 0.4216, and the grayscale version is 15.0282, 0.3127, 0.3290.

A 20% lighter version of the original color is 33.6121, 0.2903, 0.2572, and 4.2422, 0.2660, 0.1997 is the 20% darker color. If you saturate the color by 10%, you get 11.3523, 0.2708, 0.2072, and if you desaturate by 10%, it is 17.6888, 0.2925, 0.2648.

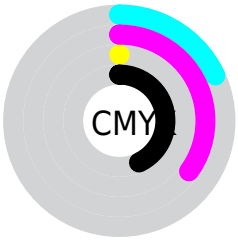
Distribution



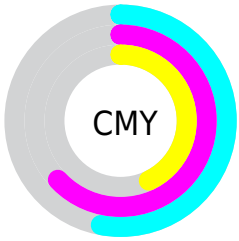
- Red (47%)
- Green (37%)
- Blue (57%)



- Red (47%)
- Yellow (37%)
- Blue (57%)



- Cyan (18%)
- Magenta (35%)
- Yellow (0%)
- Black (43%)



- Cyan (53%)
- Magenta (63%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.2528, 0.2822, 0.2363 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 14.2528, 0.2822, 0.2363 by changing the saturation by 10% instead.

14.2528, 0.2822, 0.2363

14.2528, 0.2822, 0.2363

218.7979, 0.3011, 0.2884

8.2967, 0.2758, 0.2212

33.5369, 0.2902, 0.2567

4.2854, 0.2663, 0.2005

47.6337, 0.2928, 0.2639

1.8344, 0.2510, 0.1706

65.2129, 0.2949, 0.2699

0.5085, 0.2258, 0.1153

86.6588, 0.2966, 0.2748

0.0000, 0.0000, 0.0000

112.3559, 0.2980, 0.2790

142.6885, 0.2992,

0.2825

178.0410, 0.3002, 0.2857

14.2528, 0.2822, 0.2363

14.2528, 0.2822, 0.2363

11.3523, 0.2708, 0.2072

17.6888, 0.2925, 0.2648

8.9572, 0.2584, 0.1786

21.6851, 0.3015, 0.2920

7.0366, 0.2454, 0.1518

26.2667, 0.3093, 0.3173

5.5558, 0.2322, 0.1281

31.4567, 0.3160, 0.3406

4.4747, 0.2195, 0.1090

37.2770, 0.3216, 0.3617

3.7415, 0.2078, 0.0949

3.4313, 0.2021, 0.0887

43.7482, 0.3263, 0.3808

50.8902, 0.3303, 0.3978

58.7219, 0.3335, 0.4131

67.2614, 0.3362, 0.4267

Harmonies

Analogous

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

14.2528, 0.2302, 0.2269

14.2528, 0.2822, 0.2363

14.2528, 0.3489, 0.2648

Triad

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

14.2528, 0.2822, 0.2363

14.2528, 0.4347, 0.4055

14.2528, 0.2213, 0.3417

Complementary

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

14.2528, 0.2822, 0.2363

25.4485, 0.3352, 0.4216

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.

14.2528, 0.2693, 0.4087

14.2528, 0.2822, 0.2363

14.2528, 0.3930, 0.4420

Square

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

14.2528, 0.2822, 0.2363

14.2528, 0.4427, 0.3567

14.2528, 0.3322, 0.4474

14.2528, 0.1981, 0.2793

Rectangle

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

14.2528, 0.2822, 0.2363

14.2528, 0.3920, 0.2920

14.2528, 0.3322, 0.4474

14.2528, 0.2349, 0.3651

Sweetspot

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

14.2534, 0.2822, 0.2363

41.9383, 0.3053, 0.3041

18.2696, 0.2587, 0.2816

9.1078, 0.3043, 0.3010

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.

14.2534, 0.2822, 0.2363

21.0113, 0.2732, 0.2132

16.2952, 0.3155, 0.2450

5.7639, 0.3061, 0.3066

3.0333, 0.2026, 0.0890

0.0546, 0.2518, 0.1161

Inverse Universe

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

15.6795, 0.3515, 0.2841

24.0124, 0.3640, 0.2738

23.8600, 0.3088, 0.4296

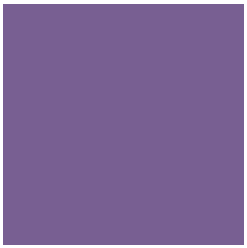
5.8619, 0.3207, 0.3178

5.8239, 0.4865, 0.2454

0.0772, 0.4009, 0.1982

Previews

White Background

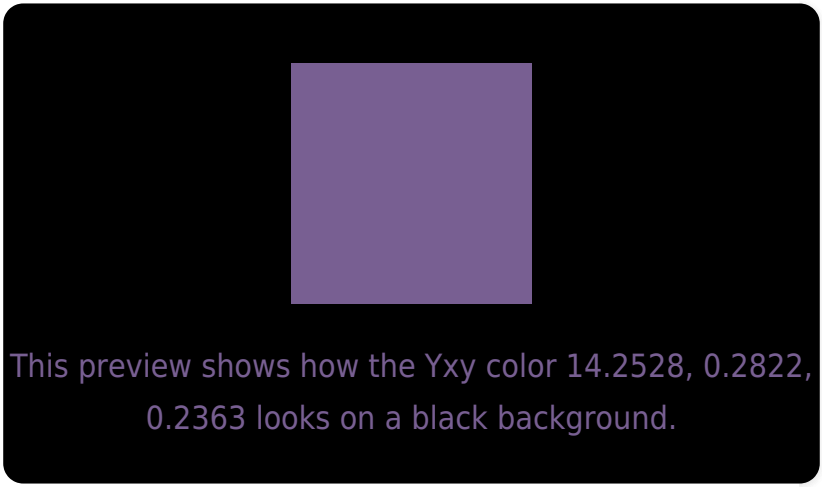


This preview shows how the Yxy color 14.2528, 0.2822, 0.2363 looks on a white background.

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

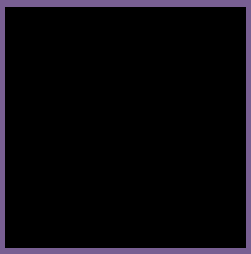


Color Contrast Check

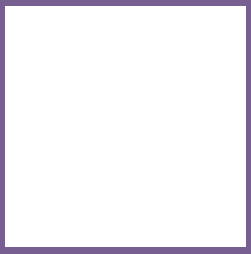
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

Yxy 14.2528, 0.2822, 0.2363 Background



This preview shows how black text looks on a background with the Yxy color 14.2528, 0.2822, 0.2363.

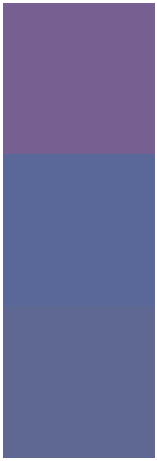


This preview shows how white text looks on a background with the Yxy color 14.2528, 0.2822, 0.2363.

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



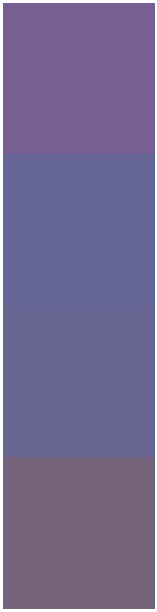
Original Color
14.2528, 0.2822, 0.2363

Protanopia
14.3742, 0.2429, 0.2340

Deuteranopia
14.2939, 0.2549, 0.2496

Tritanopia
14.2059, 0.3192, 0.3126

Trichromacy



Original Color
14.2528, 0.2822, 0.2363

Protanomaly
14.2761, 0.2562, 0.2356

Deuteranomaly
14.2353, 0.2633, 0.2441

Tritanomaly
14.0667, 0.3051, 0.2816

Monochromacy

Original Color
14.2528, 0.2822, 0.2363

Achromatopsia
14.9960, 0.3127, 0.3290

Achromatomaly
14.5504, 0.3008, 0.2909

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2528, 0.2822, 0.2363 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(120, 95, 146) looks like.

```
.text, #text, p{
    color:rgb(120, 95, 146)
}
```

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(120, 95, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 95, 146) }
```

Border

The CSS property to change the border of an element to Yxy 14.2528, 0.2822, 0.2363 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(120, 95, 146) }
```

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

```
.border{ border-color:rgb(120, 95, 146) }
```

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

Here you see how a box with a 4 pixel rgb(120, 95, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 95, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 95, 146); box-shadow:4px 4px 4px 4px rgb(120, 95, 146) }
```

Background

The CSS property to change the background color of an element to Yxy 14.2528, 0.2822, 0.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(120, 95, 146) }
```

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

```
.background{ background-color:rgb(120, 95,
146) }
```

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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