

Converting Colors

$Y_{xy}(13.9959, 0.3272, 0.2560)$

Have a look what the booklet for
Yxy(13.9959, 0.3272, 0.2560)
contains.

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Color

Yxy(13.9095, 0.3266, 0.2547)

Conversions

Conversions Part 1

Format	Color
Hex	895882
RGB	137, 88, 130
RGB Percent	54%, 35%, 51%
CMY	0.4627, 0.6549, 0.4902
CMYK	0.00, 0.36, 0.05, 0.46
HSL	309°, 22%, 44%
HSV	309°, 36%, 54%
XYZ	17.8361, 13.9095, 22.8658
YIQ	107.4390, 15.7220, 23.4500

Conversions

Conversions Part 2

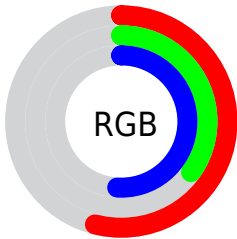
Format	Color
RYB	137, 88, 130
Decimal	9001090
CIELab	44.10, 27.19, -15.25
CIELCh	44, 31.179, 330.711
Yxy	13.9095, 0.3266, 0.2547
Android (android.graphics.Color)	4287191170 (0xFF895882)
YUV	107.4390, 11.1226, 25.9250
Hunter-Lab	37.2954, 20.0982, -10.2438

Details

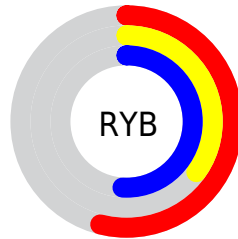
The Yxy color **13.9095, 0.3266, 0.2547** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.7931, 0.3015, 0.4169**, and the grayscale version is **14.7969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.9605, 0.3237, 0.2717**, and **4.1584, 0.3299, 0.2243** is the 20% darker color. If you saturate the color by 10%, you get **11.8163, 0.3314, 0.2347**, and if you desaturate by 10%, it is **16.4277, 0.3221, 0.2756**.

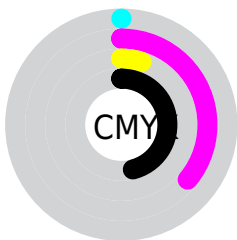
Distribution



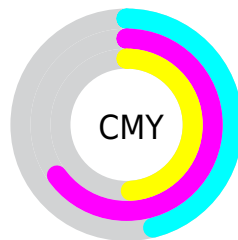
- Red (54%)
- Green (35%)
- Blue (51%)



- Red (54%)
- Yellow (35%)
- Blue (51%)



- Cyan (0%)
- Magenta (36%)
- Yellow (5%)
- Black (46%)





- Cyan (46%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9095, 0.3266, 0.2547 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 13.9095, 0.3266, 0.2547 by changing the saturation by 10% instead.


 13.9095, 0.3266,
0.2547


 13.9095, 0.3266,
0.2547


216.6671, 0.3193,
0.2969


 8.0577, 0.3285,
0.2421


 32.9284, 0.3239,
0.2714


 4.1319, 0.3308,
0.2245


 46.8643, 0.3229,
0.2773


 1.7476, 0.3337,
0.1984

 64.2637, 0.3220,
0.2820

 0.4542, 0.3432,
0.1390

 85.5110, 0.3213,
0.2860

 0.0000, 0.1086,
0.0000

 110.9906, 0.3207,
0.2894

 0.0000, 0.0000,
0.0000

141.0869, 0.3202,

0.2922

176.1842, 0.3197,
0.2947

■ 13.9095, 0.3266,
0.2547

■ 13.9095, 0.3266,
0.2547

■ 11.8163, 0.3314,
0.2347

■ 16.4277, 0.3221,
0.2756

■ 10.1224, 0.3366,
0.2165

■ 19.3909, 0.3181,
0.2967

■ 8.8024, 0.3419,
0.2010


■ 22.8200, 0.3146,
0.3174

■ 7.8271, 0.3473,
0.1889


■ 26.7343, 0.3114,
0.3373


■ 7.1630, 0.3525,
0.1808

■ 31.1518, 0.3087,
0.3561


 6.7589, 0.3574,
0.1768

 36.0895, 0.3064,
0.3737

 6.6133, 0.3596,
0.1754

 41.5638, 0.3044,
0.3899

 47.5904, 0.3027,
0.4049

 54.1841, 0.3013,
0.4186

Harmonies

Analogous

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



13.9095, 0.2639, 0.2321



13.9095, 0.3266, 0.2547



13.9095, 0.3916, 0.2930

Triad

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



13.9095, 0.3266, 0.2547



13.9095, 0.4081, 0.4313



13.9095, 0.2040, 0.2979

Complementary

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



13.9095, 0.3266, 0.2547



20.7931, 0.3015, 0.4169

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.



13.9095, 0.2354, 0.3639



13.9095, 0.3266, 0.2547



13.9095, 0.3525, 0.4486

Square

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



13.9095, 0.3266, 0.2547



13.9095, 0.4399, 0.3898



13.9095, 0.2892, 0.4243



13.9095, 0.1989, 0.2511

Rectangle

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



13.9095, 0.3266, 0.2547



13.9095, 0.4242, 0.3241



13.9095, 0.2892, 0.4243



13.9095, 0.2116, 0.3186

Sweetspot

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



13.9101, 0.3266, 0.2547



37.3967, 0.3165, 0.3062



11.1939, 0.2585, 0.2283



8.2329, 0.3169, 0.3038



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



13.9101, 0.3266, 0.2547



21.7870, 0.3305, 0.2382



13.3382, 0.3639, 0.2959



5.1169, 0.3157, 0.3105



6.1614, 0.3594, 0.1754



0.0425, 0.3384, 0.1638

Inverse Universe

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



13.9101, 0.3266, 0.2547



21.7870, 0.3305, 0.2382



21.2997, 0.2795, 0.3652



5.1169, 0.3157, 0.3105



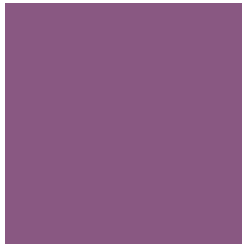
6.1614, 0.3594, 0.1754



0.0425, 0.3384, 0.1638

Previews

White Background



This preview shows how the Yxy color 13.9095, 0.3266, 0.2547 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 13.9095, 0.3266, 0.2547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

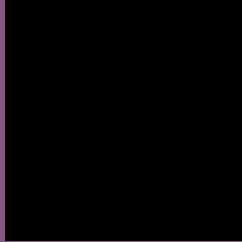
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.9095, 0.3266, 0.2547

Background



This preview shows how black text looks on a background with the Yxy color 13.9095, 0.3266, 0.2547.



This preview shows how white text looks on a background with the Yxy color 13.9095, 0.3266, 0.2547.

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

13.9095, 0.3266, 0.2547

Protanopia

14.0033, 0.2575, 0.2526

Deuteranopia

13.9186, 0.2829, 0.2777



Tritanopia

13.9315, 0.3633, 0.3158

Trichromacy



Original Color

13.9095, 0.3266, 0.2547

Protanomaly

13.8565, 0.2799, 0.2533

Deuteranomaly

13.7527, 0.2973, 0.2683

Tritanomaly

13.8925, 0.3483, 0.2918

Monochromacy



Original Color

13.9095, 0.3266, 0.2547

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.2037, 0.3184, 0.2991

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9095, 0.3266, 0.2547 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(137, 88, 130)` looks like.

```
.text, #text, p{  
    color:rgb(137, 88, 130)  
}
```

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(137, 88, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 88, 130) }
```

Border

The CSS property to change the border of an element to Yxy 13.9095, 0.3266, 0.2547 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(137, 88, 130) }
```

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

```
.border{ border-color:rgb(137, 88, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 88, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 88, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 88, 130);  
box-shadow:4px 4px 4px 4px rgb(137, 88,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9095, 0.3266, 0.2547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 88, 130) }
```

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

```
.background{ background-color: rgb(137, 88,  
130) }
```

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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