

Converting Colors

$Y_{xy}(24.9695, 0.5291, 0.2934)$

Have a look what the booklet for
Yxy(24.9695, 0.5291, 0.2934)
contains.

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Color

Yxy(24.9517, 0.5296, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	FF3766
RGB	255, 55, 102
RGB Percent	100%, 22%, 40%
CMY	0.0002, 0.7839, 0.6000
CMYK	0.00, 0.78, 0.60, 0.00
HSL	346°, 100%, 61%
HSV	346°, 78%, 100%
XYZ	44.9929, 24.9517, 15.0118
YIQ	120.1580, 104.1130, 57.0170

Conversions

Conversions Part 2

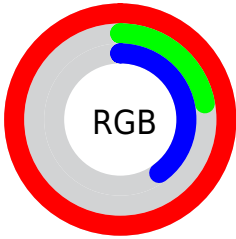
Format	Color
R_{YB}	255, 55, 102
Decimal	16725862
CIE _{Lab}	57.03, 74.90, 22.59
CIE _{LCh}	57, 78.233, 16.784
Yxy	24.9517, 0.5296, 0.2937
Android (android.graphics.Color)	4294915942 (0xFFFF3766)
YUV	120.1580, -8.9519, 118.2564
Hunter-Lab	49.9517, 73.3647, 17.1480

Details

The Yxy color **24.9517, 0.5296, 0.2937** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **76.8665, 0.2466, 0.3890**, and the grayscale version is **18.8546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.9928, 0.4291, 0.2956**, and **11.3619, 0.5792, 0.2965** is the 20% darker color. If you saturate the color by 10%, you get **22.7773, 0.5672, 0.2989**, and if you desaturate by 10%, it is **28.4700, 0.4893, 0.2925**.

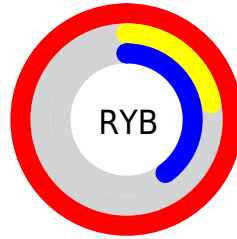
Distribution



Red (100%)

Green (22%)

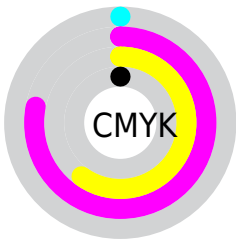
Blue (40%)



Red (100%)

Yellow (22%)

Blue (40%)

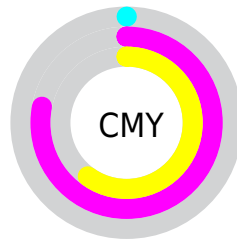


Cyan (0%)

Magenta (78%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9517, 0.5296, 0.2937 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 24.9517, 0.5296, 0.2937 by changing the saturation by 10% instead.


 24.9517, 0.5296,
0.2937


 24.9517, 0.5296,
0.2937


277.5973, 0.4109,
0.3190


 16.0411, 0.5615,
0.2845


 51.5789, 0.4845,
0.3049


 9.5532, 0.6030,
0.2711

 70.0642, 0.4681,
0.3085


 5.1038, 0.6581,
0.2503

 92.5098, 0.4544,
0.3113

 2.3083, 0.7371,
0.2182

 119.3003, 0.4430,
0.3135

 0.7781, 0.8377,
0.1623

 150.8198, 0.4331,
0.3153

 0.0000, 1.0000,
0.0000

187.4529, 0.4247,

 0.0000, 0.0000,

0.3168

0.0000

229.5840, 0.4173,
0.3180

■ 24.9517, 0.5296,
0.2937

■ 24.9517, 0.5296,
0.2937

■ 22.7773, 0.5672,
0.2989

■ 28.4700, 0.4893,
0.2925

■ 21.6998, 0.5979,
0.3077


■ 33.5028, 0.4504,
0.2947

■ 21.5765, 0.6021,
0.3091

■ 40.1999, 0.4155,
0.2993

■ 48.6916, 0.3856,
0.3051

■ 59.0956, 0.3608,
0.3115

 71.5192, 0.3405,
0.3179

 86.0618, 0.3241,
0.3241

99.9922, 0.3127,
0.3290

Harmonies

Analogous

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



24.9517, 0.4098, 0.2251



24.9517, 0.5296, 0.2937



24.9517, 0.5638, 0.3702

Triad

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



24.9517, 0.5296, 0.2937



24.9517, 0.3020, 0.5786



24.9517, 0.1266, 0.1588

Complementary

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



24.9517, 0.5296, 0.2937



76.8665, 0.2466, 0.3890

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.



24.9517, 0.1112, 0.2048



24.9517, 0.5296, 0.2937



24.9517, 0.1970, 0.4758

Square

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



24.9517, 0.5296, 0.2937



24.9517, 0.4148, 0.5457



24.9517, 0.1312, 0.3118



24.9517, 0.1776, 0.1518

Rectangle

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



24.9517, 0.5296, 0.2937



24.9517, 0.5367, 0.4266



24.9517, 0.1312, 0.3118



24.9517, 0.1178, 0.1689

Sweetspot

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



24.9532, 0.5296, 0.2937



64.3164, 0.3514, 0.3143



22.9376, 0.2716, 0.1397



12.8564, 0.3589, 0.3120



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



24.9532, 0.5296, 0.2937



22.0720, 0.5855, 0.3036



31.6454, 0.5470, 0.3685



18.0569, 0.3257, 0.3234



11.2973, 0.5983, 0.3069



1.1160, 0.5672, 0.2898

Inverse Universe

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



24.9532, 0.5296, 0.2937



22.0720, 0.5855, 0.3036



51.6923, 0.2120, 0.2644



18.0569, 0.3257, 0.3234



11.2973, 0.5983, 0.3069



1.1160, 0.5672, 0.2898

Previews

White Background



This preview shows how the Yxy color 24.9517, 0.5296, 0.2937 looks on a white background.

Color Contrast Check

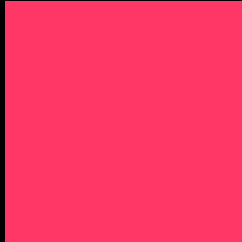
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 24.9517, 0.5296, 0.2937 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 24.9517, 0.5296, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 24.9517, 0.5296, 0.2937.



This preview shows how white text looks on a background with the Yxy color 24.9517, 0.5296, 0.2937.

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

24.9517, 0.5296, 0.2937

Protanopia

24.9614, 0.3130, 0.3240

Deuteranopia

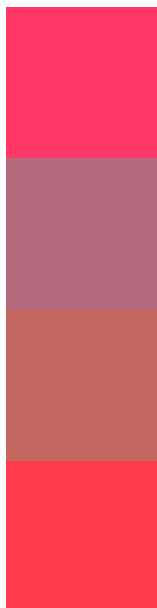
24.8978, 0.3971, 0.3899



Tritanopia

24.8193, 0.5722, 0.3284

Trichromacy



Original Color

24.9517, 0.5296, 0.2937

Protanomaly

21.8455, 0.3878, 0.3017

Deuteranomaly

22.4153, 0.4529, 0.3385

Tritanomaly

24.8526, 0.5594, 0.3170

Monochromacy



Original Color

24.9517, 0.5296, 0.2937

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

17.9930, 0.3962, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9517, 0.5296, 0.2937 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(255, 55, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 55, 102)  
}
```

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(255, 55, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 55, 102) }
```

Border

The CSS property to change the border of an element to Yxy 24.9517, 0.5296, 0.2937 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(255, 55, 102) }
```

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

```
.border{ border-color:rgb(255, 55, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 55, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 55, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 55, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 55,  
102) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 24.9517, 0.5296, 0.2937$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 55, 102) }
```

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

```
.background{ background-color: rgb(255, 55,  
102) }
```

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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