

Converting Colors

Yxy(27.5819, 0.5143, 0.2754)

Have a look what the booklet for
Yxy(27.5819, 0.5143, 0.2754)
contains.

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Color

Yxy(24.6191, 0.5020, 0.2702)

Conversions

Conversions Part 1

Format	Color
Hex	FF2E7A
RGB	255, 46, 122
RGB Percent	100%, 18%, 48%
CMY	0.0000, 0.8199, 0.5215
CMYK	0.00, 0.82, 0.52, 0.00
HSL	338°, 100%, 59%
HSV	338°, 82%, 100%
XYZ	45.7394, 24.6191, 20.7559
YIQ	117.1550, 100.1680, 67.9440

Conversions

Conversions Part 2

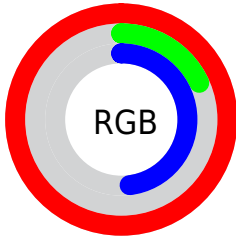
Format	Color
R_{YB}	255, 46, 122
Decimal	16723578
CIE _{Lab}	56.70, 78.45, 10.25
CIE _{LCh}	57, 79.114, 7.440
Yxy	24.6191, 0.5020, 0.2702
Android (android.graphics.Color)	4294913658 (0xFFFF2E7A)
YUV	117.1550, 2.3886, 120.8901
Hunter-Lab	49.6176, 77.7172, 9.9304

Details

The Yxy color **24.6191, 0.5020, 0.2702** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **75.3511, 0.2570, 0.4302**, and the grayscale version is **17.7961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.5775, 0.4051, 0.2694**, and **11.5708, 0.5435, 0.2768** is the 20% darker color. If you saturate the color by 10%, you get **22.8120, 0.5340, 0.2763**, and if you desaturate by 10%, it is **27.6636, 0.4685, 0.2693**.

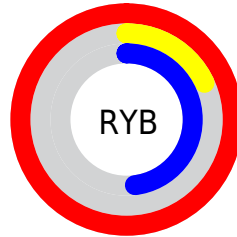
Distribution



Red (100%)

Green (18%)

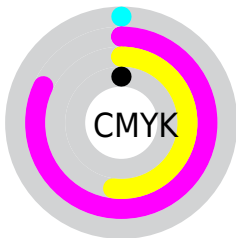
Blue (48%)



Red (100%)

Yellow (18%)

Blue (48%)

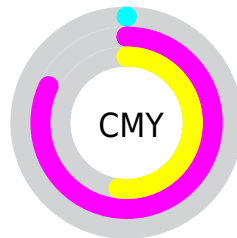


Cyan (0%)

Magenta (82%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (82%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6191, 0.5020, 0.2702 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 24.6191, 0.5020, 0.2702 by changing the saturation by 10% instead.


 24.6191, 0.5020,
0.2702


 24.6191, 0.5020,
0.2702

275.9357, 0.3983,
0.3049


 15.7935, 0.5304,
0.2598


 51.0386, 0.4623,
0.2841


 9.3781, 0.5680,
0.2454


 69.4013, 0.4480,
0.2889


 4.9886, 0.6194,
0.2246

 91.7119, 0.4361,
0.2928

 2.2406, 0.6918,
0.1930

 118.3546, 0.4261,
0.2961

 0.7420, 0.8333,
0.1484

 149.7140, 0.4176,
0.2988

 0.0000, 1.0000,
0.0000

186.1743, 0.4103,

 0.0000, 0.0000,

0.3011

0.0000

228.1201, 0.4039,
0.3031

■ 24.6191, 0.5020,
0.2702

■ 24.6191, 0.5020,
0.2702

■ 22.8120, 0.5340,
0.2763

■ 27.6636, 0.4685,
0.2693

■ 22.0465, 0.5572,
0.2843

■ 32.1454, 0.4362,
0.2729

■ 38.2138, 0.4068,
0.2798

■ 46.0026, 0.3813,
0.2886

■ 55.6314, 0.3596,
0.2983

67.2090, 0.3417,
0.3083

80.8357, 0.3269,
0.3180

96.6048, 0.3148,
0.3272

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



24.6191, 0.3660, 0.2054



24.6191, 0.5020, 0.2702



24.6191, 0.5672, 0.3449

Triad

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



24.6191, 0.5020, 0.2702



24.6191, 0.3368, 0.5842



24.6191, 0.1163, 0.1662

Complementary

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



24.6191, 0.5020, 0.2702



75.3511, 0.2570, 0.4302

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.



24.6191, 0.1112, 0.2288



24.6191, 0.5020, 0.2702



24.6191, 0.2253, 0.5256

Square

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



24.6191, 0.5020, 0.2702



24.6191, 0.4487, 0.5216



24.6191, 0.1441, 0.3599



24.6191, 0.1556, 0.1487

Rectangle

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



24.6191, 0.5020, 0.2702



24.6191, 0.5562, 0.3993



24.6191, 0.1441, 0.3599



24.6191, 0.1109, 0.1809

Sweetspot

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



24.6142, 0.5020, 0.2702



63.5086, 0.3467, 0.3053



18.6745, 0.2459, 0.1226



12.7196, 0.3530, 0.3018



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.



24.6142, 0.5020, 0.2702



22.2158, 0.5516, 0.2823



26.3290, 0.5825, 0.3472



18.0963, 0.3237, 0.3204



11.5458, 0.5529, 0.2820



1.1443, 0.5217, 0.2648

Inverse Universe

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



24.6142, 0.5020, 0.2702



22.2158, 0.5516, 0.2823



62.8057, 0.2184, 0.2938



18.0963, 0.3237, 0.3204



11.5458, 0.5529, 0.2820



1.1443, 0.5217, 0.2648

Previews

White Background



This preview shows how the Yxy color 24.6191, 0.5020, 0.2702 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 24.6191, 0.5020, 0.2702 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 24.6191, 0.5020, 0.2702

Background



This preview shows how black text looks on a background with the Yxy color 24.6191, 0.5020, 0.2702.



This preview shows how white text looks on a background with the Yxy color 24.6191, 0.5020, 0.2702.

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

24.6191, 0.5020, 0.2702

Protanopia

24.8222, 0.2750, 0.2754

Deuteranopia

24.6716, 0.3666, 0.3598



Tritanopia

24.6321, 0.5717, 0.3284

Trichromacy



Original Color

24.6191, 0.5020, 0.2702



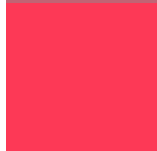
Protanomaly

21.0488, 0.3470, 0.2598



Deuteranomaly

21.7128, 0.4209, 0.3077



Tritanomaly

24.4808, 0.5500, 0.3085

Monochromacy



Original Color

24.6191, 0.5020, 0.2702



Achromatopsia

17.7888, 0.3127, 0.3290



Achromatomaly

17.0296, 0.3863, 0.2859

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6191, 0.5020, 0.2702 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, 46, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 46, 122)  
}
```

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, 46, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 46, 122) }
```

Border

The CSS property to change the border of an element to Yxy 24.6191, 0.5020, 0.2702 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, 46, 122) }
```

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

```
.border{ border-color:rgb(255, 46, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 46, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 46, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 46, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 46,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6191, 0.5020, 0.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 46, 122) }
```

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

```
.background{ background-color: rgb(255, 46,  
122) }
```

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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