

Converting Colors

$Yxy(21.5302, 0.5508, 0.2863)$

Have a look what the booklet for
Yxy(21.5302, 0.5508, 0.2863)
contains.

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Color

Yxy(21.4664, 0.5501, 0.2858)

Conversions

Conversions Part 1

Format	Color
Hex	F9155D
RGB	249, 21, 93
RGB Percent	98%, 8%, 36%
CMY	0.0234, 0.9180, 0.6352
CMYK	0.00, 0.92, 0.63, 0.02
HSL	341°, 95%, 53%
HSV	341°, 92%, 98%
XYZ	41.3179, 21.4664, 12.3255
YIQ	97.3800, 112.7760, 70.7280

Conversions

Conversions Part 2

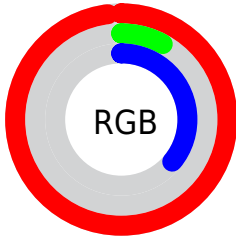
Format	Color
RYB	249, 21, 93
Decimal	16323933
CIELab	53.46, 79.39, 23.00
CIELCh	53, 82.651, 16.160
Yxy	21.4664, 0.5501, 0.2858
Android (android.graphics.Color)	4294514013 (0xFFFF9155D)
YUV	97.3800, -2.1593, 132.9707
Hunter-Lab	46.3318, 78.1025, 16.6595

Details

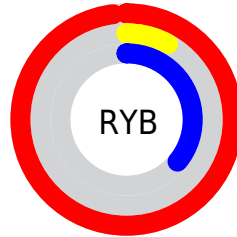
The Yxy color **21.4664, 0.5501, 0.2858** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **71.0955, 0.2533, 0.4276**, and the grayscale version is **12.0251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.7459, 0.4496, 0.2890**, and **10.4037, 0.5895, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **20.7045, 0.5751, 0.2942**, and if you desaturate by 10%, it is **23.2102, 0.5160, 0.2794**.

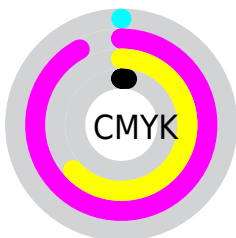
Distribution



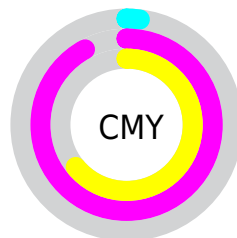
- Red (98%)
- Green (8%)
- Blue (36%)



- Red (98%)
- Yellow (8%)
- Blue (36%)



- Cyan (0%)
- Magenta (92%)
- Yellow (63%)
- Black (2%)



- Cyan (2%)
- Magenta (92%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.4664, 0.5501, 0.2858 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 21.4664, 0.5501, 0.2858 by changing the saturation by 10% instead.


 21.4664, 0.5501,
0.2858


 21.4664, 0.5501,
0.2858


259.7469, 0.4179,
0.3168


 13.4653, 0.5861,
0.2745


 45.8625, 0.4994,
0.2996

 7.7498, 0.6331,
0.2577


 63.0263, 0.4811,
0.3040


 3.9352, 0.6951,
0.2317

 84.0131, 0.4659,
0.3074

 1.6374, 0.8018,
0.1965

 109.2074, 0.4532,
0.3101

 0.3826, 0.8963,
0.1037

 138.9936, 0.4424,
0.3123

 0.0000, 1.0000,
0.0000

173.7559, 0.4331,

 0.0000, 0.0000,

0.3140

0.0000

213.8789, 0.4250,
0.3155

■ 21.4664, 0.5501,
0.2858

■ 21.4664, 0.5501,
0.2858

■ 20.7045, 0.5751,
0.2942


■ 23.2102, 0.5160,
0.2794

■ 26.1486, 0.4799,
0.2780


■ 30.4569, 0.4449,
0.2807


■ 36.2802, 0.4131,
0.2866

■ 43.7450, 0.3855,
0.2942

 52.9641, 0.3622,
0.3027

 64.0407, 0.3430,
0.3114

 77.0695, 0.3273,
0.3198

 92.1391, 0.3145,
0.3278

Harmonies

Analogous

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



21.4664, 0.4159, 0.2146



21.4664, 0.5501, 0.2858



21.4664, 0.5854, 0.3644

Triad

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



21.4664, 0.5501, 0.2858



21.4664, 0.2972, 0.6086



21.4664, 0.1131, 0.1461

Complementary

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



21.4664, 0.5501, 0.2858



71.0955, 0.2533, 0.4276

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.



21.4664, 0.0974, 0.1937



21.4664, 0.5501, 0.2858



21.4664, 0.1858, 0.4984

Square

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



21.4664, 0.5501, 0.2858



21.4664, 0.4179, 0.5588



21.4664, 0.1171, 0.3104



21.4664, 0.1650, 0.1390

Rectangle

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



21.4664, 0.5501, 0.2858



21.4664, 0.5532, 0.4237



21.4664, 0.1171, 0.3104



21.4664, 0.1042, 0.1564

Sweetspot

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



21.4677, 0.5501, 0.2858



60.9909, 0.3530, 0.3067



16.6962, 0.2477, 0.1166



12.2307, 0.3598, 0.3037



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.



21.4677, 0.5501, 0.2858



21.8482, 0.5754, 0.2943



23.7231, 0.6041, 0.3498



17.3156, 0.3244, 0.3215



11.1030, 0.5708, 0.2918



1.0467, 0.5373, 0.2733

Inverse Universe

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



21.4677, 0.5501, 0.2858



21.8482, 0.5754, 0.2943



51.7234, 0.2104, 0.2736



17.3156, 0.3244, 0.3215



11.1030, 0.5708, 0.2918



1.0467, 0.5373, 0.2733

Previews

White Background



This preview shows how the Yxy color 21.4664, 0.5501, 0.2858 looks on a white background.

Color Contrast Check

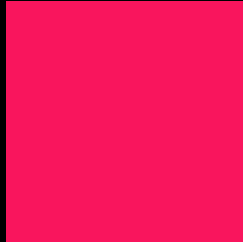
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4664, 0.5501, 0.2858 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 21.4664, 0.5501, 0.2858

Background



This preview shows how black text looks on a background with the Yxy color 21.4664, 0.5501, 0.2858.



This preview shows how white text looks on a background with the Yxy color 21.4664, 0.5501, 0.2858.

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

21.4664, 0.5501, 0.2858

Protanopia

21.8547, 0.3063, 0.3166

Deuteranopia

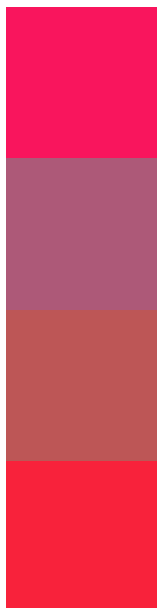
21.7437, 0.4031, 0.3962



Tritanopia

21.5065, 0.6078, 0.3308

Trichromacy



Original Color

21.4664, 0.5501, 0.2858

Protanomaly

17.3851, 0.3939, 0.2830

Deuteranomaly

18.1463, 0.4720, 0.3295

Tritanomaly

21.4163, 0.5924, 0.3166

Monochromacy



Original Color

21.4664, 0.5501, 0.2858

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.7762, 0.4152, 0.2845

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.4664, 0.5501, 0.2858 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(249, 21, 93)` looks like.

```
.text, #text, p{  
    color:rgb(249, 21, 93)  
}
```

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(249, 21, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 21, 93) }
```

Border

The CSS property to change the border of an element to Yxy 21.4664, 0.5501, 0.2858 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(249, 21, 93) }
```

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

```
.border{ border-color:rgb(249, 21, 93) }
```

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

Here you see how a box with a 4 pixel rgb(249, 21, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 21, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 21, 93);  
box-shadow:4px 4px 4px 4px rgb(249, 21,  
93) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 21.4664, 0.5501, 0.2858$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 21, 93) }
```

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

```
.background{ background-color: rgb(249, 21,  
93) }
```

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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