

Converting Colors

$Yxy(21.0904, 0.5206, 0.2697)$

Have a look what the booklet for
Yxy(21.0904, 0.5206, 0.2697)
contains.

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Color

Yxy(21.0904, 0.5206, 0.2697)

Conversions

Conversions Part 1

Format	Color
Hex	F5166D
RGB	245, 22, 109
RGB Percent	96%, 9%, 43%
CMY	0.0391, 0.9141, 0.5725
CMYK	0.00, 0.91, 0.56, 0.04
HSL	337°, 92%, 52%
HSV	337°, 91%, 96%
XYZ	40.7106, 21.0904, 16.3984
YIQ	98.5950, 104.9810, 74.3330

Conversions

Conversions Part 2

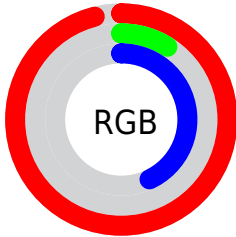
Format	Color
R_{YB}	245, 22, 109
Decimal	16062061
CIE _{Lab}	53.05, 79.28, 12.64
CIE _{LCh}	53, 80.280, 9.059
Yxy	21.0904, 0.5206, 0.2697
Android (android.graphics.Color)	4294252141 (0xFFFF5166D)
YUV	98.5950, 5.1297, 128.3972
Hunter-Lab	45.9243, 77.8680, 10.9760

Details

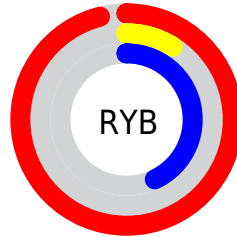
The Yxy color **21.0904, 0.5206, 0.2697** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **67.9547, 0.2602, 0.4516**, and the grayscale version is **12.3253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3008, 0.4270, 0.2717**, and **10.1716, 0.5602, 0.2860** is the 20% darker color. If you saturate the color by 10%, you get **20.2552, 0.5460, 0.2782**, and if you desaturate by 10%, it is **22.8571, 0.4896, 0.2646**.

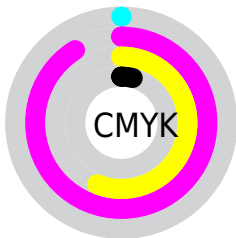
Distribution



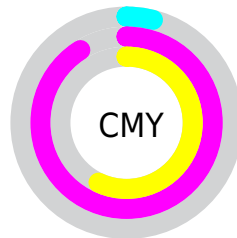
- Red (96%)
- Green (9%)
- Blue (43%)



- Red (96%)
- Yellow (9%)
- Blue (43%)



- Cyan (0%)
- Magenta (91%)
- Yellow (56%)
- Black (4%)



- Cyan (4%)
- Magenta (91%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0904, 0.5206, 0.2697 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 21.0904, 0.5206, 0.2697 by changing the saturation by 10% instead.


 21.0904, 0.5206,
0.2697


 21.0904, 0.5206,
0.2697


257.7585, 0.4042,
0.3063

 13.1901, 0.5532,
0.2580


 45.2379, 0.4755,
0.2848


 7.5596, 0.5967,
0.2415


 62.2540, 0.4594,
0.2899


 3.8145, 0.6564,
0.2170

 83.0773, 0.4461,
0.2941

 1.5703, 0.7421,
0.1792

 108.0925, 0.4350,
0.2974

 0.3375, 0.9045,
0.0955

 137.6838, 0.4255,
0.3002

 0.0000, 1.0000,
0.0000

172.2356, 0.4174,

 0.0000, 0.0000,

0.3025

0.0000

212.1324, 0.4104,
0.3046

■ 21.0904, 0.5206,
0.2697

■ 21.0904, 0.5206,
0.2697

■ 20.2552, 0.5460,
0.2782

■ 22.8571, 0.4896,
0.2646

■ 25.7730, 0.4578,
0.2648

■ 30.0035, 0.4274,
0.2693

■ 35.6855, 0.4000,
0.2771

■ 42.9387, 0.3761,
0.2867

■ 51.8702, 0.3559,
0.2972

■ 62.5777, 0.3390,
0.3079

■ 75.1512, 0.3252,
0.3182

■ 89.6746, 0.3138,
0.3280

Harmonies

Analogous

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



21.0904, 0.3771, 0.2022



21.0904, 0.5206, 0.2697



21.0904, 0.5821, 0.3462

Triad

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



21.0904, 0.5206, 0.2697



21.0904, 0.3272, 0.6020



21.0904, 0.1093, 0.1559

Complementary

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



21.0904, 0.5206, 0.2697



67.9547, 0.2602, 0.4516

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.



21.0904, 0.1017, 0.2165



21.0904, 0.5206, 0.2697



21.0904, 0.2123, 0.5336

Square

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



21.0904, 0.5206, 0.2697



21.0904, 0.4451, 0.5334



21.0904, 0.1317, 0.3510



21.0904, 0.1514, 0.1406

Rectangle

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



21.0904, 0.5206, 0.2697



21.0904, 0.5647, 0.4024



21.0904, 0.1317, 0.3510



21.0904, 0.1031, 0.1698

Sweetspot

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



21.0917, 0.5206, 0.2697



61.2467, 0.3487, 0.3015



14.2101, 0.2303, 0.1075



12.2903, 0.3548, 0.2978



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.



21.0917, 0.5206, 0.2697



22.1716, 0.5466, 0.2785



21.2921, 0.6162, 0.3389



16.5897, 0.3232, 0.3198



10.9347, 0.5418, 0.2759



0.9806, 0.5083, 0.2574

Inverse Universe

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



21.0917, 0.5206, 0.2697



22.1716, 0.5466, 0.2785



59.3855, 0.2177, 0.2998



16.5897, 0.3232, 0.3198



10.9347, 0.5418, 0.2759



0.9806, 0.5083, 0.2574

Previews

White Background



This preview shows how the Yxy color 21.0904, 0.5206, 0.2697 looks on a white background.

Color Contrast Check

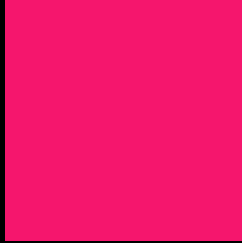
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0904, 0.5206, 0.2697 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 21.0904, 0.5206, 0.2697

Background



This preview shows how black text looks on a background with the Yxy color 21.0904, 0.5206, 0.2697.



This preview shows how white text looks on a background with the Yxy color 21.0904, 0.5206, 0.2697.

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

21.0904, 0.5206, 0.2697

Protanopia

21.4210, 0.2756, 0.2755

Deuteranopia

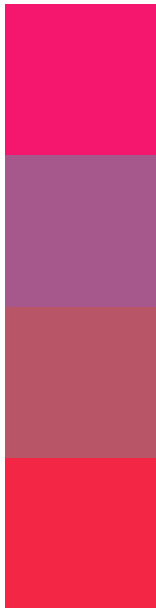
21.2095, 0.3753, 0.3684



Tritanopia

21.1155, 0.5959, 0.3298

Trichromacy



Original Color

21.0904, 0.5206, 0.2697

Protanomaly

16.9799, 0.3535, 0.2506

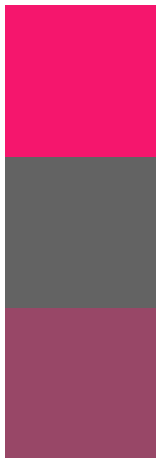
Deuteranomaly

17.8252, 0.4382, 0.3058

Tritanomaly

20.8831, 0.5749, 0.3097

Monochromacy



Original Color

21.0904, 0.5206, 0.2697

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.1611, 0.4006, 0.2760

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0904, 0.5206, 0.2697 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(245, 22, 109)` looks like.

```
.text, #text, p{  
    color:rgb(245, 22, 109)  
}
```

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(245, 22, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 22, 109) }
```

Border

The CSS property to change the border of an element to Yxy 21.0904, 0.5206, 0.2697 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(245, 22, 109) }
```

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

```
.border{ border-color:rgb(245, 22, 109) }
```

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

Here you see how a box with a 4 pixel rgb(245, 22, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 22, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 22, 109);  
box-shadow:4px 4px 4px 4px rgb(245, 22,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0904, 0.5206, 0.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 22, 109) }
```

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

```
.background{ background-color: rgb(245, 22,  
109) }
```

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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