

Converting Colors

Yxy(20.7101, 0.5072, 0.2628)

Have a look what the booklet for
Yxy(20.7101, 0.5072, 0.2628)
contains.

Yxy(20.7278, 0.5075, 0.2629)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(20.7278, 0.5075, 0.2629)

Conversions

Conversions Part 1

Format	Color
Hex	F21773
RGB	242, 23, 115
RGB Percent	95%, 9%, 45%
CMY	0.0511, 0.9093, 0.5491
CMYK	0.00, 0.90, 0.52, 0.05
HSL	335°, 89%, 52%
HSV	335°, 90%, 95%
XYZ	40.0128, 20.7278, 18.1023
YIQ	98.9690, 100.9920, 75.0400

Conversions

Conversions Part 2

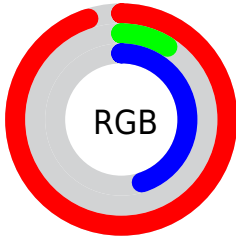
Format	Color
R_{YB}	242, 23, 115
Decimal	15865715
CIE _{Lab}	52.65, 78.83, 8.39
CIE _{LCh}	53, 79.273, 6.075
Yxy	20.7278, 0.5075, 0.2629
Android (android.graphics.Color)	4294055795 (0xFFFF21773)
YUV	98.9690, 7.9033, 125.4382
Hunter-Lab	45.5278, 77.2037, 8.2951

Details

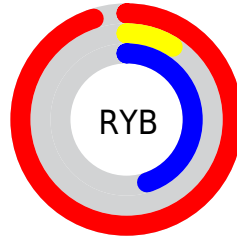
The Yxy color **20.7278, 0.5075, 0.2629** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **65.8835, 0.2628, 0.4602**, and the grayscale version is **12.4475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5528, 0.4178, 0.2647**, and **10.0011, 0.5454, 0.2778** is the 20% darker color. If you saturate the color by 10%, you get **19.8243, 0.5338, 0.2714**, and if you desaturate by 10%, it is **22.5187, 0.4779, 0.2587**.

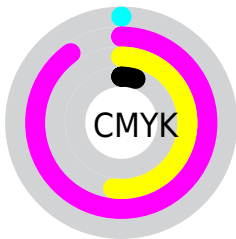
Distribution



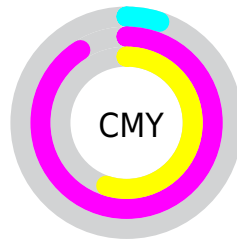
- Red (95%)
- Green (9%)
- Blue (45%)



- Red (95%)
- Yellow (9%)
- Blue (45%)



- Cyan (0%)
- Magenta (90%)
- Yellow (52%)
- Black (5%)




- Cyan (5%)
- Magenta (91%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.7278, 0.5075, 0.2629 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 20.7278, 0.5075, 0.2629 by changing the saturation by 10% instead.


 20.7278, 0.5075,
0.2629


 20.7278, 0.5075,
0.2629


255.8283, 0.3983,
0.3021


 12.9252, 0.5384,
0.2509


 44.6341, 0.4650,
0.2787


 7.3770, 0.5799,
0.2342


 61.5065, 0.4499,
0.2842


 3.6990, 0.6376,
0.2098

 82.1710, 0.4375,
0.2886

 1.5067, 0.7203,
0.1723

 107.0120, 0.4271,
0.2923

 0.2934, 0.9127,
0.0873

 136.4138, 0.4182,
0.2953

 0.0000, 1.0000,
0.0000

170.7609, 0.4107,

 0.0000, 0.0000,

0.2979

0.0000

210.4376, 0.4041,
0.3002

■ 20.7278, 0.5075,
0.2629

■ 20.7278, 0.5075,
0.2629

■ 19.8243, 0.5338,
0.2714

■ 22.5187, 0.4779,
0.2587

■ 25.4326, 0.4480,
0.2598

■ 29.6273, 0.4196,
0.2653

■ 35.2341, 0.3940,
0.2739

■ 42.3679, 0.3717,
0.2843

■ 51.1315, 0.3527,
0.2956

■ 61.6189, 0.3369,
0.3070

■ 73.9168, 0.3239,
0.3181

■ 88.1060, 0.3131,
0.3286

Harmonies

Analogous

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



20.7278, 0.3615, 0.1971



20.7278, 0.5075, 0.2629



20.7278, 0.5795, 0.3386

Triad

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



20.7278, 0.5075, 0.2629



20.7278, 0.3395, 0.5977



20.7278, 0.1079, 0.1604

Complementary

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



20.7278, 0.5075, 0.2629



65.8835, 0.2628, 0.4602

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.



20.7278, 0.1037, 0.2268



20.7278, 0.5075, 0.2629



20.7278, 0.2236, 0.5464

Square

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



20.7278, 0.5075, 0.2629



20.7278, 0.4560, 0.5230



20.7278, 0.1383, 0.3687



20.7278, 0.1462, 0.1415

Rectangle

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



20.7278, 0.5075, 0.2629



20.7278, 0.5686, 0.3938



20.7278, 0.1383, 0.3687



20.7278, 0.1029, 0.1759

Sweetspot

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



20.7290, 0.5075, 0.2629



61.3495, 0.3471, 0.2995



13.2442, 0.2241, 0.1045



12.3143, 0.3528, 0.2955



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.



20.7290, 0.5075, 0.2629



22.3217, 0.5345, 0.2718



20.3048, 0.6188, 0.3355



15.8689, 0.3227, 0.3191



10.6775, 0.5296, 0.2691



0.9077, 0.4957, 0.2505

Inverse Universe

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



20.7290, 0.5075, 0.2629



22.3217, 0.5345, 0.2718



61.7459, 0.2206, 0.3098



15.8689, 0.3227, 0.3191



10.6775, 0.5296, 0.2691



0.9077, 0.4957, 0.2505

Previews

White Background



This preview shows how the Yxy color 20.7278, 0.5075, 0.2629 looks on a white background.

Color Contrast Check

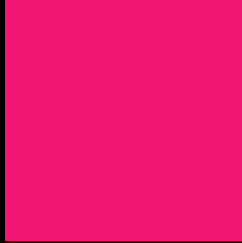
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7278, 0.5075, 0.2629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

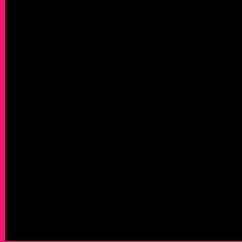
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.7278, 0.5075, 0.2629

Background



This preview shows how black text looks on a background with the Yxy color 20.7278, 0.5075, 0.2629.



This preview shows how white text looks on a background with the Yxy color 20.7278, 0.5075, 0.2629.

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

20.7278, 0.5075, 0.2629

Protanopia

21.0606, 0.2643, 0.2621

Deuteranopia

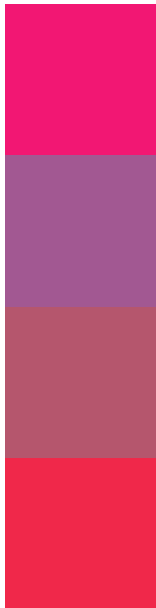
21.0500, 0.3638, 0.3585



Tritanopia

20.8622, 0.5899, 0.3298

Trichromacy



Original Color

20.7278, 0.5075, 0.2629

Protanomaly

16.7362, 0.3393, 0.2408

Deuteranomaly

17.5835, 0.4243, 0.2967

Tritanomaly

20.5373, 0.5669, 0.3069

Monochromacy



Original Color

20.7278, 0.5075, 0.2629

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.1057, 0.3952, 0.2724

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.7278, 0.5075, 0.2629 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(242, 23, 115)` looks like.

```
.text, #text, p{  
    color:rgb(242, 23, 115)  
}
```

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(242, 23, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 23, 115) }
```

Border

The CSS property to change the border of an element to Yxy 20.7278, 0.5075, 0.2629 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(242, 23, 115) }
```

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

```
.border{ border-color:rgb(242, 23, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 23, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 23, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 23, 115); box-shadow:4px 4px 4px 4px rgb(242, 23, 115) }
```


Background

The CSS property to change the background color of an element to Yxy 20.7278, 0.5075, 0.2629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 23, 115) }
```

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

```
.background{ background-color: rgb(242, 23,  
115) }
```

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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