

Converting Colors

$Y_{xy}(26.1954, 0.4394, 0.2356)$

Have a look what the booklet for
Yxy(26.1954, 0.4394, 0.2356)
contains.

Yxy(26.2009, 0.4391, 0.2355)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.2009, 0.4391, 0.2355)

Conversions

Conversions Part 1

Format	Color
Hex	FF33A1
RGB	255, 51, 161
RGB Percent	100%, 20%, 63%
CMY	0.0001, 0.7998, 0.3686
CMYK	0.00, 0.80, 0.37, 0.00
HSL	328°, 100%, 60%
HSV	328°, 80%, 100%
XYZ	48.8527, 26.2009, 36.2029
YIQ	124.5360, 86.2740, 77.4580

Conversions

Conversions Part 2

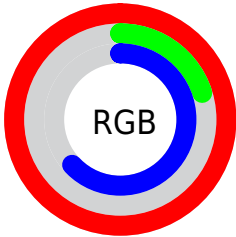
Format	Color
R_{YB}	255, 51, 161
Decimal	16724897
CIE _{Lab}	58.23, 80.57, -10.58
CIE _{LCh}	58, 81.263, 352.521
Yxy	26.2009, 0.4391, 0.2355
Android (android.graphics.Color)	4294914977 (0xFFFF33A1)
YUV	124.5360, 17.9768, 114.4169
Hunter-Lab	51.1868, 80.7836, -6.1032

Details

The Yxy color **26.2009, 0.4391, 0.2355** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **74.2599, 0.2718, 0.4779**, and the grayscale version is **20.2699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4115, 0.3563, 0.2331**, and **12.4632, 0.4670, 0.2346** is the 20% darker color. If you saturate the color by 10%, you get **24.1541, 0.4615, 0.2370**, and if you desaturate by 10%, it is **29.5094, 0.4167, 0.2394**.

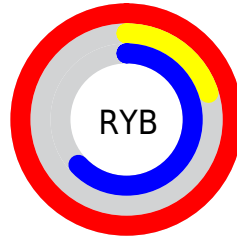
Distribution



Red (100%)

Green (20%)

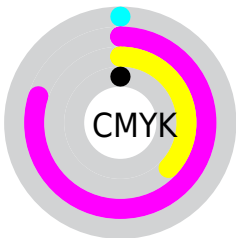
Blue (63%)



Red (100%)

Yellow (20%)

Blue (63%)

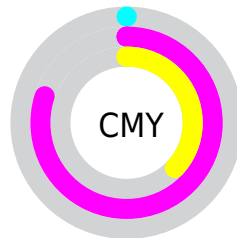


Cyan (0%)

Magenta (80%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2009, 0.4391, 0.2355 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 26.2009, 0.4391, 0.2355 by changing the saturation by 10% instead.


 26.2009, 0.4391,
0.2355


 26.2009, 0.4391,
0.2355


283.7669, 0.3722,
0.2834


 16.9740, 0.4569,
0.2234


 53.5989, 0.4140,
0.2531


 10.2160, 0.4802,
0.2078


 72.5387, 0.4048,
0.2596


 5.5424, 0.5121,
0.1871


 95.4850, 0.3971,
0.2651

 2.5689, 0.5577,
0.1588

 122.8221, 0.3906,
0.2699

 0.9110, 0.6270,
0.1187

 154.9345, 0.3850,
0.2739

 0.0000, 0.8051,
0.0000

192.2065, 0.3802,


 0.0000, 1.0000,

0.2775


0.0000

235.0225, 0.3759,
0.2806


 0.0000, 0.0000,
0.0000


 26.2009, 0.4391,
0.2355


 26.2009, 0.4391,
0.2355

 24.1541, 0.4615,
0.2370


 29.5094, 0.4167,
0.2394


 23.0787, 0.4832,
0.2435

 34.2509, 0.3955,
0.2477

 23.0768, 0.4832,
0.2436

 40.5742, 0.3761,
0.2591

 48.6082, 0.3590,
0.2726

 58.4684, 0.3443,
0.2870

70.2603, 0.3318,
0.3015

84.0810, 0.3214,
0.3156

99.9969, 0.3127,
0.3290

Harmonies

Analogous

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



26.2009, 0.2971, 0.1802



26.2009, 0.4391, 0.2355



26.2009, 0.5486, 0.3067

Triad

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



26.2009, 0.4391, 0.2355



26.2009, 0.3937, 0.5630



26.2009, 0.1088, 0.1895

Complementary

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



26.2009, 0.4391, 0.2355



74.2599, 0.2718, 0.4779

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.



26.2009, 0.1211, 0.2842



26.2009, 0.4391, 0.2355



26.2009, 0.2788, 0.5762

Square

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



26.2009, 0.4391, 0.2355



26.2009, 0.4982, 0.4755



26.2009, 0.1778, 0.4467



26.2009, 0.1308, 0.1522

Rectangle

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



26.2009, 0.4391, 0.2355



26.2009, 0.5694, 0.3580



26.2009, 0.1778, 0.4467



26.2009, 0.1089, 0.2133

Sweetspot

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



26.2024, 0.4391, 0.2355



65.2895, 0.3366, 0.2957



15.4147, 0.2151, 0.1086



13.0876, 0.3411, 0.2905



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.



26.2024, 0.4391, 0.2355



23.4401, 0.4746, 0.2406



23.9686, 0.5845, 0.3238



18.1509, 0.3209, 0.3163



12.0904, 0.4798, 0.2417



1.1993, 0.4567, 0.2289

Inverse Universe

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



26.2024, 0.4391, 0.2355



23.4401, 0.4746, 0.2406



78.7942, 0.2319, 0.3411



18.1509, 0.3209, 0.3163



12.0904, 0.4798, 0.2417



1.1993, 0.4567, 0.2289

Previews

White Background



This preview shows how the Yxy color 26.2009, 0.4391, 0.2355 looks on a white background.

Color Contrast Check

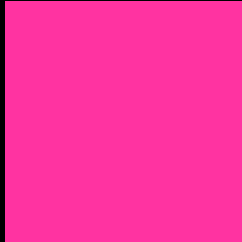
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2009, 0.4391, 0.2355 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 26.2009, 0.4391, 0.2355

Background



This preview shows how black text looks on a background with the Yxy color 26.2009, 0.4391, 0.2355.



This preview shows how white text looks on a background with the Yxy color 26.2009, 0.4391, 0.2355.

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

26.2009, 0.4391, 0.2355

Protanopia

26.6184, 0.2266, 0.2131

Deuteranopia

26.2322, 0.3116, 0.3052



Tritanopia

26.2258, 0.5422, 0.3264

Trichromacy



Original Color

26.2009, 0.4391, 0.2355



Protanomaly

22.1258, 0.2810, 0.2049



Deuteranomaly

23.1611, 0.3576, 0.2612



Tritanomaly

25.9555, 0.5095, 0.2937

Monochromacy



Original Color

26.2009, 0.4391, 0.2355



Achromatopsia

20.5079, 0.3127, 0.3290



Achromatomaly

19.3410, 0.3621, 0.2697

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2009, 0.4391, 0.2355 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, 51, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 161)  
}
```

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, 51, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 161) }
```

Border

The CSS property to change the border of an element to Yxy 26.2009, 0.4391, 0.2355 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, 51, 161) }
```

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

```
.border{ border-color:rgb(255, 51, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2009, 0.4391, 0.2355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 161) }
```

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

```
.background{ background-color: rgb(255, 51,  
161) }
```

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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