

Converting Colors

$Y_{xy}(14.1360, 0.3157, 0.2108)$

Have a look what the booklet for
Yxy(14.1360, 0.3157, 0.2108)
contains.

Yxy(14.0481, 0.3154, 0.2100)	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(14.0481, 0.3154, 0.2100)

Conversions

Conversions Part 1

Format	Color
Hex	974C99
RGB	151, 76, 153
RGB Percent	59%, 30%, 60%
CMY	0.4078, 0.7020, 0.3999
CMYK	0.01, 0.50, 0.00, 0.40
HSL	298°, 34%, 45%
HSV	298°, 50%, 60%
XYZ	21.0989, 14.0481, 31.7487
YIQ	107.2030, 19.9830, 39.8470

Conversions

Conversions Part 2

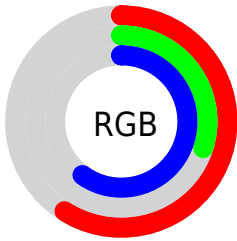
Format	Color
R_{YB}	151, 76, 153
Decimal	9915545
CIE _{Lab}	44.30, 42.82, -28.65
CIE _{LCh}	44, 51.526, 326.213
Yxy	14.0481, 0.3154, 0.2100
Android (android.graphics.Color)	4288105625 (0xFF974C99)
YUV	107.2030, 22.5779, 38.4100
Hunter-Lab	37.4808, 34.8909, -23.9860

Details

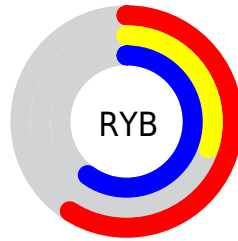
The Yxy color **14.0481, 0.3154, 0.2100** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **24.9341, 0.3071, 0.4833**, and the grayscale version is **14.6944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2578, 0.3161, 0.2345**, and **4.2092, 0.3112, 0.1687** is the 20% darker color. If you saturate the color by 10%, you get **12.1468, 0.3156, 0.1908**, and if you desaturate by 10%, it is **16.4523, 0.3151, 0.2319**.

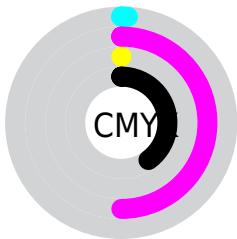
Distribution



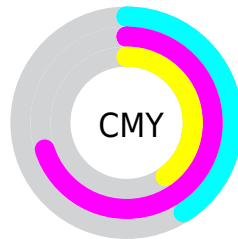
- Red (59%)
- Green (30%)
- Blue (60%)



- Red (59%)
- Yellow (30%)
- Blue (60%)



- Cyan (1%)
- Magenta (50%)
- Yellow (0%)
- Black (40%)




- Cyan (41%)
- Magenta (70%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0481, 0.3154, 0.2100 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 14.0481, 0.3154, 0.2100 by changing the saturation by 10% instead.


 14.0481, 0.3154,
0.2100


 14.0481, 0.3154,
0.2100


217.5299, 0.3161,
0.2745


 8.1541, 0.3141,
0.1925


 33.1743, 0.3164,
0.2346

 4.1937, 0.3116,
0.1692


 47.1754, 0.3165,
0.2435

 1.7825, 0.3062,
0.1376

 64.6476, 0.3165,
0.2508

 0.4762, 0.2969,
0.0840

 85.9754, 0.3165,
0.2571

 0.0000, 0.2467,
0.0000

 111.5431, 0.3164,
0.2624

 0.0000, 0.0000,
0.0000

141.7352, 0.3163,

0.2670

176.9359, 0.3162,
0.2710

■ 14.0481, 0.3154,
0.2100

■ 14.0481, 0.3154,
0.2100

■ 12.1468, 0.3156,
0.1908

■ 16.4523, 0.3151,
0.2319

■ 10.7104, 0.3155,
0.1749

■ 19.3901, 0.3146,
0.2555

■ 9.6985, 0.3153,
0.1630

■ 22.8920, 0.3141,
0.2799

■ 9.0631, 0.3149,
0.1552

■ 26.9857, 0.3134,
0.3043

■ 8.6910, 0.3145,
0.1506

■ 31.6969, 0.3127,
0.3282

■ 37.0499, 0.3120,
0.3510

■ 43.0677, 0.3113,
0.3724

■ 49.7723, 0.3107,
0.3923

■ 57.1843, 0.3100,
0.4106

Harmonies

Analogous

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



14.0481, 0.2221, 0.1816



14.0481, 0.3154, 0.2100



14.0481, 0.4262, 0.2609

Triad

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



14.0481, 0.3154, 0.2100



14.0481, 0.4642, 0.4697



14.0481, 0.1509, 0.2857

Complementary

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



14.0481, 0.3154, 0.2100



24.9341, 0.3071, 0.4833

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.



14.0481, 0.1982, 0.4039



14.0481, 0.3154, 0.2100



14.0481, 0.3783, 0.5240

Square

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



14.0481, 0.3154, 0.2100



14.0481, 0.5157, 0.3965



14.0481, 0.2815, 0.5082



14.0481, 0.1414, 0.2112

Rectangle

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



14.0481, 0.3154, 0.2100



14.0481, 0.4858, 0.3031



14.0481, 0.2815, 0.5082



14.0481, 0.1622, 0.3215

Sweetspot

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



14.0487, 0.3154, 0.2100



44.5405, 0.3137, 0.2922



9.3663, 0.2202, 0.1794



9.5278, 0.3139, 0.2875



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.0487, 0.3154, 0.2100



21.4959, 0.3156, 0.1893



13.2295, 0.3745, 0.2616



6.3154, 0.3133, 0.3070



7.1823, 0.3145, 0.1506



0.1096, 0.3176, 0.1523

Inverse Universe

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



12.4937, 0.4463, 0.3261



18.4214, 0.4937, 0.3258



25.4967, 0.2785, 0.4105



6.2252, 0.3279, 0.3285



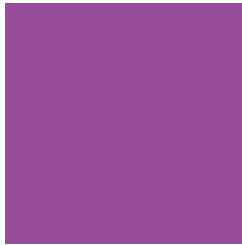
5.6053, 0.6362, 0.3278



0.0844, 0.6175, 0.3175

Previews

White Background



This preview shows how the Yxy color 14.0481, 0.3154, 0.2100 looks on a white 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

Black Background



This preview shows how the Yxy color 14.0481, 0.3154, 0.2100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

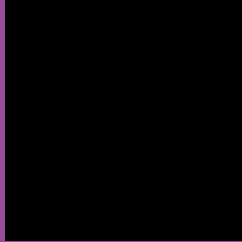
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0481, 0.3154, 0.2100

Background



This preview shows how black text looks on a background with the Yxy color 14.0481, 0.3154, 0.2100.



This preview shows how white text looks on a background with the Yxy color 14.0481, 0.3154, 0.2100.

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

14.0481, 0.3154, 0.2100

Protanopia

14.3309, 0.2137, 0.1965

Deuteranopia

14.2124, 0.2471, 0.2420



Tritanopia

14.0861, 0.3904, 0.3185

Trichromacy



Original Color

14.0481, 0.3154, 0.2100

Protanomaly

13.5394, 0.2406, 0.1965

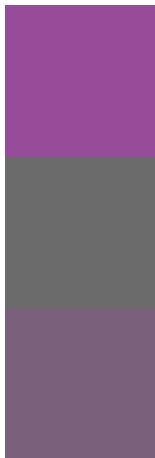
Deuteranomaly

13.6522, 0.2677, 0.2257

Tritanomaly

13.9844, 0.3624, 0.2740

Monochromacy



Original Color

14.0481, 0.3154, 0.2100

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.0319, 0.3138, 0.2754

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0481, 0.3154, 0.2100 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(151, 76, 153)` looks like.

```
.text, #text, p{  
    color:rgb(151, 76, 153)  
}
```

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(151, 76, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 76, 153) }
```

Border

The CSS property to change the border of an element to Yxy 14.0481, 0.3154, 0.2100 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(151, 76, 153) }
```

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

```
.border{ border-color:rgb(151, 76, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 76, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 76, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 76, 153);  
box-shadow:4px 4px 4px 4px rgb(151, 76,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0481, 0.3154, 0.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 76, 153) }
```

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

```
.background{ background-color: rgb(151, 76,  
153) }
```

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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