

Converting Colors

$Y_{xy}(14.3421, 0.3471, 0.2018)$

Have a look what the booklet for
Yxy(14.3421, 0.3471, 0.2018)
contains.

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Color

Yxy(14.3453, 0.3468, 0.2020)

Conversions

Conversions Part 1

Format	Color
Hex	AD3B9A
RGB	173, 59, 154
RGB Percent	68%, 23%, 60%
CMY	0.3216, 0.7686, 0.3961
CMYK	0.00, 0.66, 0.11, 0.32
HSL	310°, 49%, 45%
HSV	310°, 66%, 68%
XYZ	24.6285, 14.3453, 32.0426
YIQ	103.9160, 37.4490, 53.7130

Conversions

Conversions Part 2

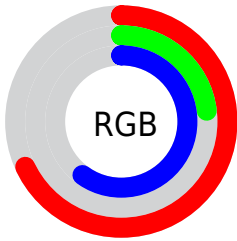
Format	Color
R_{YB}	173, 59, 154
Decimal	11352986
CIE _{Lab}	44.72, 57.02, -28.33
CIE _{LCh}	45, 63.674, 333.577
Yxy	14.3453, 0.3468, 0.2020
Android (android.graphics.Color)	4289543066 (0xFFAD3B9A)
YUV	103.9160, 24.6914, 60.5867
Hunter-Lab	37.8752, 49.7886, -23.6470

Details

The Yxy color **14.3453, 0.3468, 0.2020** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **31.3637, 0.2933, 0.5076**, and the grayscale version is **13.7470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6270, 0.3405, 0.2268**, and **4.7412, 0.3546, 0.1727** is the 20% darker color. If you saturate the color by 10%, you get **12.7574, 0.3532, 0.1906**, and if you desaturate by 10%, it is **16.5261, 0.3405, 0.2171**.

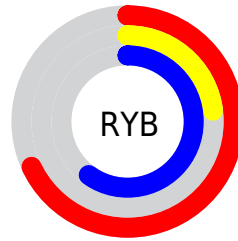
Distribution



Red (68%)

Green (23%)

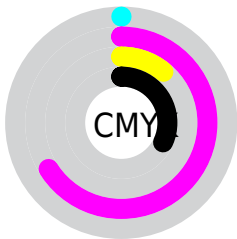
Blue (60%)



Red (68%)

Yellow (23%)

Blue (60%)

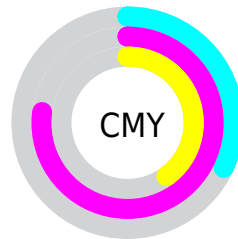


Cyan (0%)

Magenta (66%)

Yellow (11%)

Black (32%)



Cyan (32%)


Magenta (77%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3453, 0.3468, 0.2020 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 14.3453, 0.3468, 0.2020 by changing the saturation by 10% instead.


 14.3453, 0.3468,
0.2020


 14.3453, 0.3468,
0.2020


219.3685, 0.3299,
0.2696


 8.3612, 0.3507,
0.1841


 33.7005, 0.3408,
0.2274


 4.3269, 0.3553,
0.1608


 47.8403, 0.3385,
0.2367


 1.8581, 0.3605,
0.1295

 65.4676, 0.3365,
0.2445

 0.5230, 0.3675,
0.0806

 86.9666, 0.3348,
0.2511

 0.0000, 0.3746,
0.0000

 112.7219, 0.3333,
0.2567

 0.0000, 0.0000,
0.0000

143.1176, 0.3320,

0.2616

178.5384, 0.3309,
0.2659

■ 14.3453, 0.3468,
0.2020

■ 14.3453, 0.3468,
0.2020

■ 12.7574, 0.3532,
0.1906

■ 16.5261, 0.3405,
0.2171

■ 11.6994, 0.3594,
0.1834

■ 19.3503, 0.3344,
0.2351

■ 11.0929, 0.3654,
0.1806

■ 22.8652, 0.3287,
0.2549

■ 10.9018, 0.3679,
0.1800

■ 27.1133, 0.3236,
0.2757

■ 32.1336, 0.3189,
0.2967

■ 37.9623, 0.3149,
0.3173

■ 44.6334, 0.3113,
0.3370

■ 52.1788, 0.3083,
0.3556

■ 60.6289, 0.3057,
0.3730

Harmonies

Analogous

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



14.3453, 0.2271, 0.1636



14.3453, 0.3468, 0.2020



14.3453, 0.4809, 0.2636

Triad

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



14.3453, 0.3468, 0.2020



14.3453, 0.4599, 0.5066



14.3453, 0.1181, 0.2451

Complementary

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



14.3453, 0.3468, 0.2020



31.3637, 0.2933, 0.5076

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.



14.3453, 0.1569, 0.3802



14.3453, 0.3468, 0.2020



14.3453, 0.3527, 0.5725

Square

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



14.3453, 0.3468, 0.2020



14.3453, 0.5398, 0.4173



14.3453, 0.2423, 0.5327



14.3453, 0.1185, 0.1758

Rectangle

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



14.3453, 0.3468, 0.2020



14.3453, 0.5415, 0.3115



14.3453, 0.2423, 0.5327



14.3453, 0.1260, 0.2826

Sweetspot

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



14.3460, 0.3468, 0.2020



53.3660, 0.3209, 0.2873



7.6877, 0.2011, 0.1278



11.0744, 0.3222, 0.2816



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



14.3460, 0.3468, 0.2020



21.8882, 0.3560, 0.1868



12.9120, 0.4466, 0.2740



8.1248, 0.3162, 0.3103



8.0173, 0.3673, 0.1797



0.2290, 0.3511, 0.1708

Inverse Universe

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



14.3460, 0.3468, 0.2020



21.8882, 0.3560, 0.1868



32.5098, 0.2594, 0.4019



8.1248, 0.3162, 0.3103



8.0173, 0.3673, 0.1797



0.2290, 0.3511, 0.1708

Previews

White Background



This preview shows how the Yxy color 14.3453, 0.3468, 0.2020 looks on a white background.

Color Contrast Check

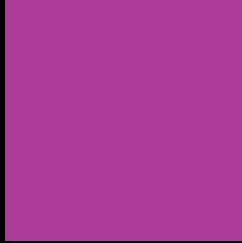
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3453, 0.3468, 0.2020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

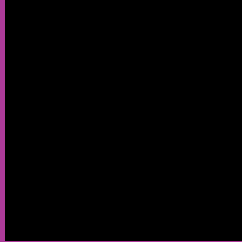
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3453, 0.3468, 0.2020

Background



This preview shows how black text looks on a background with the Yxy color 14.3453, 0.3468, 0.2020.



This preview shows how white text looks on a background with the Yxy color 14.3453, 0.3468, 0.2020.

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

14.3453, 0.3468, 0.2020

Protanopia

14.7964, 0.1992, 0.1778

Deuteranopia

14.5894, 0.2525, 0.2466



Tritanopia

14.3548, 0.4498, 0.3203

Trichromacy



Original Color

14.3453, 0.3468, 0.2020



Protanomaly

13.1369, 0.2325, 0.1772



Deuteranomaly

13.3924, 0.2809, 0.2192



Tritanomaly

14.1955, 0.4130, 0.2727

Monochromacy



Original Color

14.3453, 0.3468, 0.2020



Achromatopsia

13.8432, 0.3127, 0.3290



Achromatomaly

13.0517, 0.3264, 0.2653

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3453, 0.3468, 0.2020 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(173, 59, 154)` looks like.

```
.text, #text, p{  
    color:rgb(173, 59, 154)  
}
```

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(173, 59, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 59, 154) }
```

Border

The CSS property to change the border of an element to Yxy 14.3453, 0.3468, 0.2020 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(173, 59, 154) }
```

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

```
.border{ border-color:rgb(173, 59, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 59, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 59, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 59, 154); box-shadow:4px 4px 4px 4px rgb(173, 59, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3453, 0.3468, 0.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 59, 154) }
```

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

```
.background{ background-color: rgb(173, 59,  
154) }
```

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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