

Converting Colors

$Y_{xy}(15.1153, 0.3607, 0.2651)$

Have a look what the booklet for
Yxy(15.1153, 0.3607, 0.2651)
contains.

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Color

Yxy(15.1048, 0.3612, 0.2655)

Conversions

Conversions Part 1

Format	Color
Hex	9B567D
RGB	155, 86, 125
RGB Percent	61%, 34%, 49%
CMY	0.3921, 0.6628, 0.5098
CMYK	0.00, 0.45, 0.19, 0.39
HSL	326°, 29%, 47%
HSV	326°, 45%, 61%
XYZ	20.5494, 15.1048, 21.2377
YIQ	111.0770, 28.6050, 26.7570

Conversions

Conversions Part 2

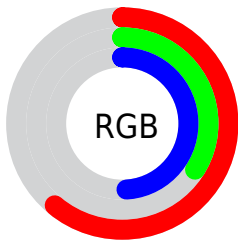
Format	Color
R_{YB}	155, 86, 125
Decimal	10180221
CIE Lab	45.78, 33.81, -9.48
CIE LCh	46, 35.114, 344.345
Yxy	15.1048, 0.3612, 0.2655
Android (android.graphics.Color)	4288370301 (0xFF9B567D)
YUV	111.0770, 6.8640, 38.5205
Hunter-Lab	38.8649, 26.3662, -5.1936

Details

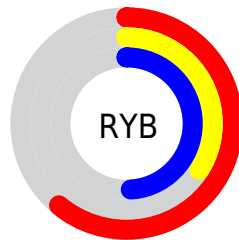
The Yxy color **15.1048, 0.3612, 0.2655** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.6862, 0.2832, 0.4038**, and the grayscale version is **15.8936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9546, 0.3498, 0.2788**, and **4.6697, 0.3826, 0.2399** is the 20% darker color. If you saturate the color by 10%, you get **12.7266, 0.3773, 0.2524**, and if you desaturate by 10%, it is **18.0329, 0.3471, 0.2798**.

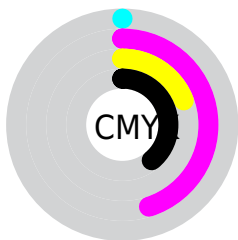
Distribution



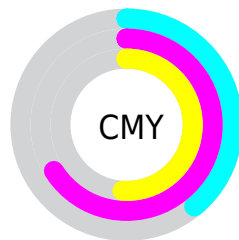
- Red (61%)
- Green (34%)
- Blue (49%)



- Red (61%)
- Yellow (34%)
- Blue (49%)



- Cyan (0%)
- Magenta (45%)
- Yellow (19%)
- Black (39%)





- Cyan (39%)
- Magenta (66%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1048, 0.3612, 0.2655 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 15.1048, 0.3612, 0.2655 by changing the saturation by 10% instead.


 15.1048, 0.3612,
0.2655


 15.1048, 0.3612,
0.2655


223.9997, 0.3333,
0.3015


 8.8930, 0.3698,
0.2548


 35.0369, 0.3500,
0.2798


 4.6714, 0.3819,
0.2398


 49.5260, 0.3461,
0.2847


 2.0558, 0.4006,
0.2174

 67.5430, 0.3430,
0.2888

 0.6396, 0.4351,
0.1758

 89.4722, 0.3404,
0.2922

 0.0000, 0.7129,
0.0000

 115.6981, 0.3382,
0.2951

 0.0000, 0.0000,
0.0000

146.6050, 0.3363,

0.2975

182.5774, 0.3347,
0.2996

■ 15.1048, 0.3612,
0.2655

■ 15.1048, 0.3612,
0.2655

■ 12.7266, 0.3773,
0.2524

■ 18.0329, 0.3471,
0.2798

■ 10.8610, 0.3952,
0.2414

■ 21.5409, 0.3350,
0.2945

■ 9.4690, 0.4146,
0.2337


■ 25.6593, 0.3248,
0.3090


■ 8.5056, 0.4348,
0.2304


■ 30.4155, 0.3161,
0.3229


■ 7.9150, 0.4548,
0.2321

■ 35.8355, 0.3089,
0.3361

 7.6683, 0.4660,
0.2341

 41.9438, 0.3029,
0.3484

 48.7636, 0.2979,
0.3597

 56.3170, 0.2938,
0.3702

 64.6252, 0.2904,
0.3798

Harmonies

Analogous

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



15.1048, 0.2884, 0.2329



15.1048, 0.3612, 0.2655



15.1048, 0.4252, 0.3119

Triad

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



15.1048, 0.3612, 0.2655



15.1048, 0.3904, 0.4538



15.1048, 0.1891, 0.2678

Complementary

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



15.1048, 0.3612, 0.2655



26.6862, 0.2832, 0.4038

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.



15.1048, 0.2096, 0.3324



15.1048, 0.3612, 0.2655



15.1048, 0.3237, 0.4551

Square

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



15.1048, 0.3612, 0.2655



15.1048, 0.4395, 0.4163



15.1048, 0.2575, 0.4072



15.1048, 0.1963, 0.2303

Rectangle

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



15.1048, 0.3612, 0.2655



15.1048, 0.4495, 0.3468



15.1048, 0.2575, 0.4072



15.1048, 0.1928, 0.2866

Sweetspot

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



15.1055, 0.3612, 0.2655



46.9624, 0.3236, 0.3108



12.7280, 0.2661, 0.2061



10.2539, 0.3255, 0.3078



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



15.1055, 0.3612, 0.2655



22.9749, 0.3765, 0.2530



14.3730, 0.4189, 0.3216



6.2782, 0.3200, 0.3165



6.1658, 0.4644, 0.2332



0.0995, 0.3905, 0.1925

Inverse Universe

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



15.1055, 0.3612, 0.2655



22.9749, 0.3765, 0.2530



27.6406, 0.2573, 0.3371



6.2782, 0.3200, 0.3165



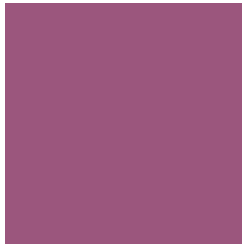
6.1658, 0.4644, 0.2332



0.0995, 0.3905, 0.1925

Previews

White Background



This preview shows how the Yxy color 15.1048, 0.3612, 0.2655 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 15.1048, 0.3612, 0.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

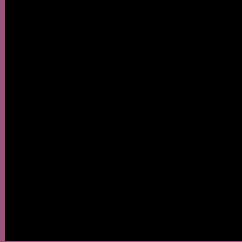
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1048, 0.3612, 0.2655

Background



This preview shows how black text looks on a background with the Yxy color 15.1048, 0.3612, 0.2655.



This preview shows how white text looks on a background with the Yxy color 15.1048, 0.3612, 0.2655.

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

15.1048, 0.3612, 0.2655

Protanopia

15.3853, 0.2675, 0.2661

Deuteranopia

15.2906, 0.3034, 0.2973



Tritanopia

15.0394, 0.3987, 0.3173

Trichromacy



Original Color

15.1048, 0.3612, 0.2655

Protanomaly

14.9286, 0.2968, 0.2635

Deuteranomaly

15.0209, 0.3234, 0.2842

Tritanomaly

14.9998, 0.3847, 0.2972

Monochromacy



Original Color

15.1048, 0.3612, 0.2655

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.2757, 0.3297, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1048, 0.3612, 0.2655 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(155, 86, 125)` looks like.

```
.text, #text, p{  
    color:rgb(155, 86, 125)  
}
```

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(155, 86, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 86, 125) }
```

Border

The CSS property to change the border of an element to Yxy 15.1048, 0.3612, 0.2655 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(155, 86, 125) }
```

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

```
.border{ border-color:rgb(155, 86, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 86, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 86, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 86, 125);  
box-shadow:4px 4px 4px 4px rgb(155, 86,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1048, 0.3612, 0.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 86, 125) }
```

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

```
.background{ background-color: rgb(155, 86,  
125) }
```

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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