

Converting Colors

$Y_{xy}(10.0063, 0.3162, 0.2571)$

Have a look what the booklet for
Yxy(10.0063, 0.3162, 0.2571)
contains.

Yxy(10.0634, 0.3161, 0.2579)	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(10.0634, 0.3161, 0.2579)

Conversions

Conversions Part 1

Format	Color
Hex	704E70
RGB	112, 78, 112
RGB Percent	44%, 31%, 44%
CMY	0.5607, 0.6942, 0.5608
CMYK	0.00, 0.30, 0.00, 0.56
HSL	300°, 18%, 37%
HSV	300°, 30%, 44%
XYZ	12.3344, 10.0634, 16.6228
YIQ	92.0420, 9.3500, 17.7820

Conversions

Conversions Part 2

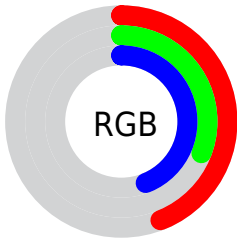
Format	Color
R_{YB}	112, 78, 112
Decimal	7360112
CIE _{Lab}	37.96, 20.57, -13.86
CIE _{LCh}	38, 24.808, 326.023
Yxy	10.0634, 0.3161, 0.2579
Android (android.graphics.Color)	4285550192 (0xFF704E70)
YUV	92.0420, 9.8393, 17.5032
Hunter-Lab	31.7229, 13.8889, -8.8619

Details

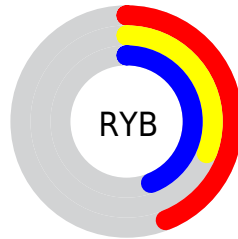
The Yxy color **10.0634, 0.3161, 0.2579** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **13.7652, 0.3088, 0.4121**, and the grayscale version is **10.6885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.0112, 0.3152, 0.2758**, and **2.5146, 0.3147, 0.2248** is the 20% darker color. If you saturate the color by 10%, you get **8.6053, 0.3172, 0.2352**, and if you desaturate by 10%, it is **11.7936, 0.3150, 0.2814**.

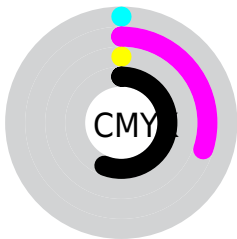
Distribution



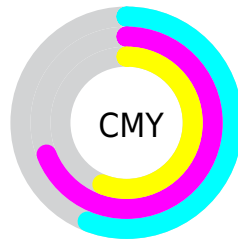
- Red (44%)
- Green (31%)
- Blue (44%)



- Red (44%)
- Yellow (31%)
- Blue (44%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (56%)





- Cyan (56%)
- Magenta (69%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.0634, 0.3161, 0.2579 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 10.0634, 0.3161, 0.2579 by changing the saturation by 10% instead.


 10.0634, 0.3161,
0.2579


 10.0634, 0.3161,
0.2579


191.1240, 0.3148,
0.3003


 5.4410, 0.3160,
0.2441


 25.9147, 0.3158,
0.2754

 2.5083, 0.3155,
0.2237

 37.9124, 0.3156,
0.2813

 0.8808, 0.3132,
0.1911

 53.1373, 0.3155,
0.2861

 0.0000, 0.2843,
0.0000

 71.9738, 0.3153,
0.2899

 0.0000, 0.0000,
0.0000

 94.8063, 0.3152,
0.2932

122.0193, 0.3150,

0.2959

153.9970, 0.3149,
0.2983

■ 10.0634, 0.3161,
0.2579

■ 10.0634, 0.3161,
0.2579

■ 8.6053, 0.3172,
0.2352

■ 11.7936, 0.3150,
0.2814

■ 7.4043, 0.3182,
0.2141

■ 13.8074, 0.3139,
0.3050

■ 6.4458, 0.3191,
0.1954


■ 16.1172, 0.3128,
0.3281


■ 5.7134, 0.3198,
0.1799


■ 18.7342, 0.3117,
0.3503


■ 5.1885, 0.3204,
0.1680


■ 21.6692, 0.3107,
0.3712


 4.8497, 0.3208,
0.1600

 24.9324, 0.3098,
0.3907

 4.6154, 0.3211,
0.1543

 28.5333, 0.3089,
0.4086

 32.4815, 0.3082,
0.4251

 36.7858, 0.3075,
0.4401

Harmonies

Analogous

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



10.0634, 0.2618, 0.2401



10.0634, 0.3161, 0.2579



10.0634, 0.3745, 0.2909

Triad

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



10.0634, 0.3161, 0.2579



10.0634, 0.4045, 0.4163



10.0634, 0.2182, 0.3106

Complementary

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



10.0634, 0.3161, 0.2579



13.7652, 0.3088, 0.4121

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.



10.0634, 0.2505, 0.3693



10.0634, 0.3161, 0.2579



10.0634, 0.3576, 0.4344

Square

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



10.0634, 0.3161, 0.2579



10.0634, 0.4275, 0.3780



10.0634, 0.3011, 0.4183



10.0634, 0.2095, 0.2650

Rectangle

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



10.0634, 0.3161, 0.2579



10.0634, 0.4057, 0.3185



10.0634, 0.3011, 0.4183



10.0634, 0.2264, 0.3295

Sweetspot

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



10.0638, 0.3161, 0.2579



24.6818, 0.3137, 0.3077



8.2367, 0.2625, 0.2459



5.8224, 0.3139, 0.3050



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



10.0638, 0.3161, 0.2579



15.9383, 0.3168, 0.2429



9.7203, 0.3447, 0.2919



3.4534, 0.3137, 0.3083



5.3323, 0.3211, 0.1543



26.5619, 0.3211, 0.1543

Inverse Universe

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



10.0638, 0.3161, 0.2579



15.9383, 0.3168, 0.2429



14.0413, 0.2896, 0.3695



3.4534, 0.3137, 0.3083



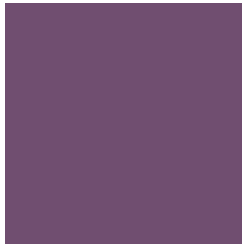
5.3323, 0.3211, 0.1543



26.5619, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 10.0634, 0.3161, 0.2579 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 10.0634, 0.3161, 0.2579 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 10.0634, 0.3161, 0.2579

Background



This preview shows how black text looks on a background with the Yxy color 10.0634, 0.3161, 0.2579.



This preview shows how white text looks on a background with the Yxy color 10.0634, 0.3161, 0.2579.

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

10.0634, 0.3161, 0.2579

Protanopia

10.2502, 0.2601, 0.2575

Deuteranopia

10.1799, 0.2816, 0.2775



Tritanopia

10.0071, 0.3485, 0.3134

Trichromacy



Original Color

10.0634, 0.3161, 0.2579

Protanomaly

10.0567, 0.2779, 0.2570

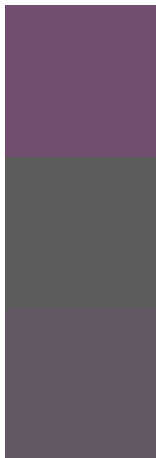
Deuteranomaly

10.0297, 0.2933, 0.2682

Tritanomaly

10.0629, 0.3368, 0.2939

Monochromacy



Original Color

10.0634, 0.3161, 0.2579

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.3699, 0.3140, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.0634, 0.3161, 0.2579 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(112, 78, 112)` looks like.

```
.text, #text, p{  
    color:rgb(112, 78, 112)  
}
```

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(112, 78, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 78, 112) }
```

Border

The CSS property to change the border of an element to Yxy 10.0634, 0.3161, 0.2579 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(112, 78, 112) }
```

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

```
.border{ border-color:rgb(112, 78, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 78, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 78, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 78, 112); box-shadow:4px 4px 4px 4px rgb(112, 78, 112) }
```


Background

The CSS property to change the background color of an element to Yxy 10.0634, 0.3161, 0.2579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 78, 112) }
```

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

```
.background{ background-color: rgb(112, 78,  
112) }
```

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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