

Converting Colors

$Y_{xy}(10.2961, 0.3230, 0.2562)$

Have a look what the booklet for
Yxy(10.2961, 0.3230, 0.2562)
contains.

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Color

$Y_{xy}(10.2819, 0.3228, 0.2559)$

Conversions

Conversions Part 1

Format	Color
Hex	754D71
RGB	117, 77, 113
RGB Percent	46%, 30%, 44%
CMY	0.5412, 0.6980, 0.5568
CMYK	0.00, 0.34, 0.03, 0.54
HSL	306°, 21%, 38%
HSV	306°, 34%, 46%
XYZ	12.9699, 10.2819, 16.9276
YIQ	93.0640, 12.2840, 19.6760

Conversions

Conversions Part 2

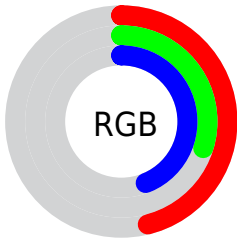
Format	Color
R_{YB}	117, 77, 113
Decimal	7687537
CIE _{Lab}	38.34, 23.18, -13.85
CIE _{LCh}	38, 26.997, 329.147
Yxy	10.2819, 0.3228, 0.2559
Android (android.graphics.Color)	4285877617 (0xFF754D71)
YUV	93.0640, 9.8284, 20.9919
Hunter-Lab	32.0654, 16.0857, -8.8539

Details

The Yxy color **10.2819, 0.3228, 0.2559** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **14.8916, 0.3040, 0.4151**, and the grayscale version is **10.9368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.4414, 0.3209, 0.2741**, and **2.5906, 0.3267, 0.2211** is the 20% darker color. If you saturate the color by 10%, you get **8.7637, 0.3263, 0.2352**, and if you desaturate by 10%, it is **12.0959, 0.3195, 0.2774**.

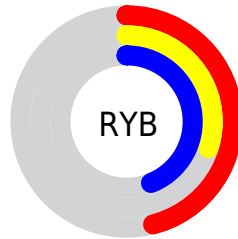
Distribution



Red (46%)

Green (30%)

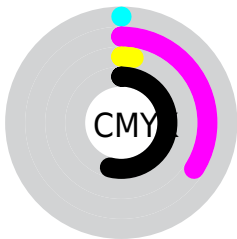
Blue (44%)



Red (46%)

Yellow (30%)

Blue (44%)

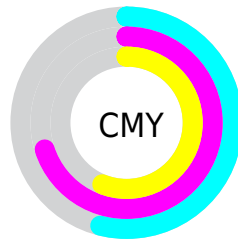


Cyan (0%)

Magenta (34%)

Yellow (3%)

Black (54%)



Cyan (54%)


Magenta (70%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.2819, 0.3228, 0.2559 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 10.2819, 0.3228, 0.2559 by changing the saturation by 10% instead.


 10.2819, 0.3228,
0.2559


 10.2819, 0.3228,
0.2559


192.6724, 0.3174,
0.2993


 5.5863, 0.3241,
0.2419


 26.3244, 0.3208,
0.2737


 2.5952, 0.3256,
0.2215

 38.4400, 0.3201,
0.2798

 0.9242, 0.3269,
0.1890

 53.7978, 0.3194,
0.2846

 0.0000, 0.3376,
0.0000

 72.7821, 0.3189,
0.2886

 0.0000, 0.0000,
0.0000

 95.7773, 0.3185,
0.2919

123.1678, 0.3181,

0.2947

155.3380, 0.3177,
0.2972

■ 10.2819, 0.3228,
0.2559

■ 10.2819, 0.3228,
0.2559

■ 8.7637, 0.3263,
0.2352

■ 12.0959, 0.3195,
0.2774

■ 7.5240, 0.3300,
0.2162

■ 14.2188, 0.3165,
0.2991

■ 6.5461, 0.3338,
0.1996


■ 16.6649, 0.3138,
0.3204

■ 5.8108, 0.3375,
0.1863


■ 19.4469, 0.3113,
0.3408

■ 5.2962, 0.3411,
0.1767


■ 22.5769, 0.3092,
0.3601


 4.9703, 0.3445,
0.1710

 26.0665, 0.3074,
0.3781

 4.8084, 0.3465,
0.1683

 29.9267, 0.3058,
0.3948

 34.1680, 0.3044,
0.4102

 38.8005, 0.3032,
0.4243

Harmonies

Analogous

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



10.2819, 0.2632, 0.2350



10.2819, 0.3228, 0.2559



10.2819, 0.3853, 0.2923

Triad

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



10.2819, 0.3228, 0.2559



10.2819, 0.4069, 0.4259



10.2819, 0.2091, 0.3025

Complementary

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



10.2819, 0.3228, 0.2559



14.8916, 0.3040, 0.4151

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.



10.2819, 0.2409, 0.3659



10.2819, 0.3228, 0.2559



10.2819, 0.3543, 0.4433

Square

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



10.2819, 0.3228, 0.2559



10.2819, 0.4354, 0.3856



10.2819, 0.2935, 0.4221



10.2819, 0.2027, 0.2561

Rectangle

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



10.2819, 0.3228, 0.2559



10.2819, 0.4175, 0.3221



10.2819, 0.2935, 0.4221



10.2819, 0.2170, 0.3226

Sweetspot

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



10.2824, 0.3228, 0.2559



27.1133, 0.3154, 0.3075



8.3131, 0.2595, 0.2344



6.1256, 0.3157, 0.3052



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



10.2824, 0.3228, 0.2559



16.2294, 0.3256, 0.2395



9.8920, 0.3562, 0.2938



3.7520, 0.3150, 0.3101



5.2977, 0.3466, 0.1683



25.7449, 0.3482, 0.1692

Inverse Universe

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



10.2824, 0.3228, 0.2559



16.2294, 0.3256, 0.2395



15.2243, 0.2834, 0.3675



3.7520, 0.3150, 0.3101



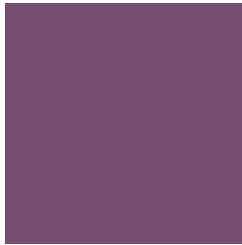
5.2977, 0.3466, 0.1683



25.7449, 0.3482, 0.1692

Previews

White Background



This preview shows how the Yxy color 10.2819, 0.3228, 0.2559 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 10.2819, 0.3228, 0.2559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

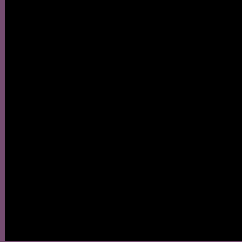
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.2819, 0.3228, 0.2559

Background



This preview shows how black text looks on a background with the Yxy color 10.2819, 0.3228, 0.2559.



This preview shows how white text looks on a background with the Yxy color 10.2819, 0.3228, 0.2559.

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

10.2819, 0.3228, 0.2559

Protanopia

10.2992, 0.2579, 0.2535

Deuteranopia

10.4163, 0.2819, 0.2780



Tritanopia

10.3166, 0.3590, 0.3161

Trichromacy



Original Color

10.2819, 0.3228, 0.2559

Protanomaly

10.2086, 0.2782, 0.2537

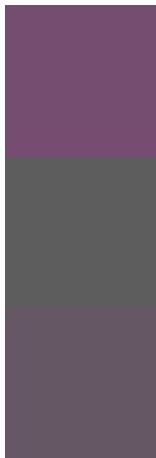
Deuteranomaly

10.3195, 0.2950, 0.2690

Tritanomaly

10.2452, 0.3457, 0.2928

Monochromacy



Original Color

10.2819, 0.3228, 0.2559

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.5613, 0.3173, 0.2996

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.2819, 0.3228, 0.2559 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(117, 77, 113)` looks like.

```
.text, #text, p{  
    color:rgb(117, 77, 113)  
}
```

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(117, 77, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 77, 113) }
```

Border

The CSS property to change the border of an element to Yxy 10.2819, 0.3228, 0.2559 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(117, 77, 113) }
```

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

```
.border{ border-color:rgb(117, 77, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 77, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 77, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 77, 113);  
box-shadow:4px 4px 4px 4px rgb(117, 77,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 10.2819, 0.3228, 0.2559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 77, 113) }
```

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

```
.background{ background-color: rgb(117, 77,  
113) }
```

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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