

Converting Colors

$Y_{xy}(20.7436, 0.3070, 0.2853)$

Have a look what the booklet for
Yxy(20.7436, 0.3070, 0.2853)
contains.

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Color

Yxy(20.7270, 0.3075, 0.2851)

Conversions

Conversions Part 1

Format	Color
Hex	8B7791
RGB	139, 119, 145
RGB Percent	55%, 47%, 57%
CMY	0.4549, 0.5333, 0.4313
CMYK	0.04, 0.18, 0.00, 0.43
HSL	286°, 11%, 52%
HSV	286°, 18%, 57%
XYZ	22.3555, 20.7270, 29.6183
YIQ	127.9440, 3.5740, 12.3260

Conversions

Conversions Part 2

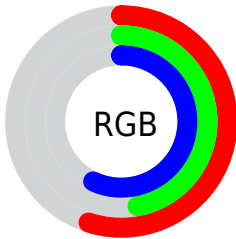
Format	Color
R_{YB}	139, 119, 145
Decimal	9140113
CIE _{Lab}	52.65, 12.74, -11.23
CIE _{LCh}	53, 16.979, 318.607
Yxy	20.7270, 0.3075, 0.2851
Android (android.graphics.Color)	4287330193 (0xFF8B7791)
YUV	127.9440, 8.4086, 9.6961
Hunter-Lab	45.5269, 7.9784, -6.7033

Details

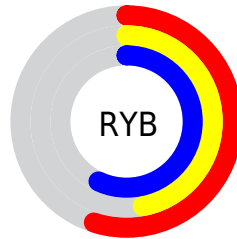
The Yxy color $20.7270, 0.3075, 0.2851$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $25.9511, 0.3169, 0.3751$, and the grayscale version is $21.5359, 0.3127, 0.3290$.

A 20% lighter version of the original color is $44.5868, 0.3091, 0.2941$, and $7.4565, 0.3045, 0.2690$ is the 20% darker color. If you saturate the color by 10%, you get $17.2506, 0.3038, 0.2593$, and if you desaturate by 10%, it is $24.7408, 0.3106, 0.3101$.

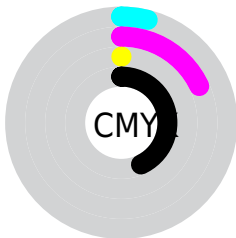
Distribution



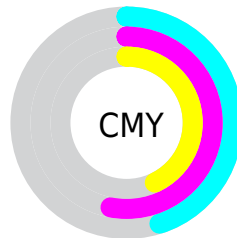
- Red (55%)
- Green (47%)
- Blue (57%)



- Red (55%)
- Yellow (47%)
- Blue (57%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (43%)





- Cyan (45%)
- Magenta (53%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.7270, 0.3075, 0.2851 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 20.7270, 0.3075, 0.2851 by changing the saturation by 10% instead.


 20.7270, 0.3075,
0.2851


 20.7270, 0.3075,
0.2851


255.8241, 0.3107,
0.3093


 12.9246, 0.3064,
0.2782


 44.6327, 0.3089,
0.2945

 7.3766, 0.3048,
0.2687


 61.5049, 0.3093,
0.2978

 3.6987, 0.3022,
0.2549

 82.1690, 0.3097,
0.3006

 1.5065, 0.2975,
0.2332

107.0096, 0.3100,
0.3029

 0.2933, 0.2957,
0.1471

136.4110, 0.3102,
0.3049

 0.0000, 0.0000,
0.0000

170.7576, 0.3104,

0.3066

210.4338, 0.3106,
0.3080

■ 20.7270, 0.3075,
0.2851

■ 20.7270, 0.3075,
0.2851

■ 17.2506, 0.3038,
0.2593

■ 24.7408, 0.3106,
0.3101

■ 14.2850, 0.2995,
0.2334

■ 29.3117, 0.3132,
0.3338

■ 11.8055, 0.2946,
0.2082

■ 34.4617, 0.3153,
0.3559

■ 9.7841, 0.2892,
0.1847

■ 40.2107, 0.3170,
0.3763

■ 8.1899, 0.2834,
0.1639

■ 46.5777, 0.3182,
0.3950

■ 6.9882, 0.2773,
0.1467

■ 53.5810, 0.3192,
0.4120

■ 6.1388, 0.2712,
0.1337

■ 61.2379, 0.3200,
0.4274

■ 5.5627, 0.2652,
0.1246

■ 69.5651, 0.3205,
0.4413

■ 5.4526, 0.2640,
0.1228

■ 78.5789, 0.3208,
0.4538

Harmonies

Analogous

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



20.7270, 0.2788, 0.2778



20.7270, 0.3075, 0.2851



20.7270, 0.3390, 0.3027

Triad

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



20.7270, 0.3075, 0.2851



20.7270, 0.3676, 0.3739



20.7270, 0.2636, 0.3280

Complementary

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



20.7270, 0.3075, 0.2851



25.9511, 0.3169, 0.3751

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.



20.7270, 0.2856, 0.3574



20.7270, 0.3075, 0.2851



20.7270, 0.3456, 0.3844

Square

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



20.7270, 0.3075, 0.2851



20.7270, 0.3747, 0.3525



20.7270, 0.3155, 0.3787



20.7270, 0.2545, 0.3007

Rectangle

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



20.7270, 0.3075, 0.2851



20.7270, 0.3570, 0.3183



20.7270, 0.3155, 0.3787



20.7270, 0.2697, 0.3380

Sweetspot

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



20.7279, 0.3075, 0.2851



46.5113, 0.3114, 0.3169



20.6531, 0.2848, 0.2932



10.2367, 0.3112, 0.3154



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



20.7279, 0.3075, 0.2851



34.1803, 0.3059, 0.2735



21.0534, 0.3228, 0.2971



5.4489, 0.3103, 0.3071



4.6875, 0.2643, 0.1230



0.0547, 0.2929, 0.1387

Inverse Universe

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



20.6974, 0.3386, 0.3188



34.1334, 0.3467, 0.3160



25.6839, 0.3040, 0.3631



5.4433, 0.3247, 0.3239



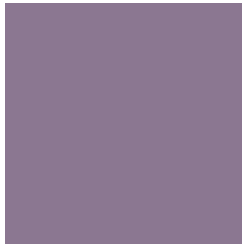
5.2639, 0.5927, 0.3039



0.0532, 0.4921, 0.2485

Previews

White Background



This preview shows how the Yxy color 20.7270, 0.3075, 0.2851 looks on a white background.

Color Contrast Check

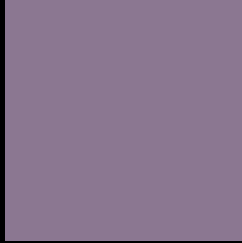
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 20.7270, 0.3075, 0.2851 looks on a black 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

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

Yxy 20.7270, 0.3075, 0.2851

Background



This preview shows how black text looks on a background with the Yxy color 20.7270, 0.3075, 0.2851.



This preview shows how white text looks on a background with the Yxy color 20.7270, 0.3075, 0.2851.

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

20.7270, 0.3075, 0.2851

Protanopia

20.9021, 0.2831, 0.2866

Deuteranopia

20.8467, 0.2969, 0.2923



Tritanopia

20.6318, 0.3209, 0.3116

Trichromacy



Original Color

20.7270, 0.3075, 0.2851

Protanomaly

20.8932, 0.2916, 0.2856

Deuteranomaly

20.9192, 0.3015, 0.2911

Tritanomaly

20.6138, 0.3165, 0.3014

Monochromacy



Original Color

20.7270, 0.3075, 0.2851

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.2940, 0.3111, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.7270, 0.3075, 0.2851 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(139, 119, 145)` looks like.

```
.text, #text, p{  
    color:rgb(139, 119, 145)  
}
```

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(139, 119, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 119, 145) }
```

Border

The CSS property to change the border of an element to Yxy 20.7270, 0.3075, 0.2851 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(139, 119, 145) }
```

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

```
.border{ border-color:rgb(139, 119, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 119, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 119, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 119, 145);  
box-shadow:4px 4px 4px 4px rgb(139, 119,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 20.7270, 0.3075, 0.2851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 119, 145) }
```

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

```
.background{ background-color: rgb(139,  
119, 145) }
```

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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