

Converting Colors

$Y_{xy}(10.0750, 0.3246, 0.2763)$

Have a look what the booklet for
Yxy(10.0750, 0.3246, 0.2763)
contains.

Yxy(10.0722, 0.3237, 0.2752)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.0722, 0.3237, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	6E5069
RGB	110, 80, 105
RGB Percent	43%, 31%, 41%
CMY	0.5687, 0.6862, 0.5883
CMYK	0.00, 0.27, 0.05, 0.57
HSL	310°, 16%, 37%
HSV	310°, 27%, 43%
XYZ	11.8473, 10.0722, 14.6801
YIQ	91.8200, 9.8550, 14.1350

Conversions

Conversions Part 2

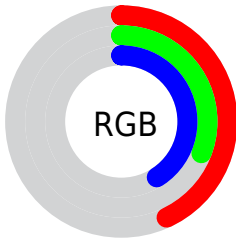
Format	Color
R_{YB}	110, 80, 105
Decimal	7229545
CIE Lab	37.97, 17.13, -9.50
CIE LCh	38, 19.585, 330.986
Yxy	10.0722, 0.3237, 0.2752
Android (android.graphics.Color)	4285419625 (0xFF6E5069)
YUV	91.8200, 6.4977, 15.9439
Hunter-Lab	31.7367, 11.0945, -5.2094




Details

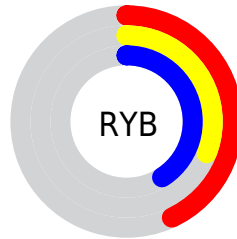
The Yxy color **10.0722, 0.3237, 0.2752** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **13.5118, 0.3034, 0.3895**, and the grayscale version is **10.6420, 0.3127, 0.3290**.




A 20% lighter version of the original color is **26.0469, 0.3213, 0.2898**, and **2.5317, 0.3286, 0.2483** is the 20% darker color. If you saturate the color by 10%, you get **8.5541, 0.3287, 0.2553**, and if you desaturate by 10%, it is **11.8557, 0.3192, 0.2953**.

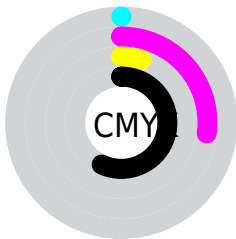
Distribution







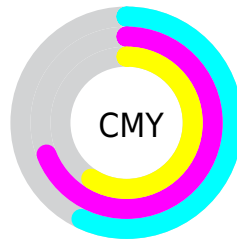
-  Red (43%)
-  Green (31%)
-  Blue (41%)






-  Red (43%)
-  Yellow (31%)
-  Blue (41%)



-  Cyan (0%)
-  Magenta (27%)
-  Yellow (5%)
-  Black (57%)





-  Cyan (57%)
-  Magenta (69%)
-  Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.0722, 0.3237, 0.2752 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 10.0722, 0.3237, 0.2752 by changing the saturation by 10% instead.


 10.0722, 0.3237,
0.2752


 10.0722, 0.3237,
0.2752


191.1866, 0.3173,
0.3077


 5.4469, 0.3256,
0.2643


 25.9312, 0.3211,
0.2888

 2.5118, 0.3284,
0.2479

 37.9337, 0.3203,
0.2933


 0.8825, 0.3323,
0.2207

 53.1640, 0.3195,
0.2969

 0.0000, 0.3279,
0.0000

 72.0065, 0.3189,
0.2999

 0.0000, 0.0000,
0.0000

 94.8456, 0.3184,
0.3023

122.0657, 0.3180,

0.3044

154.0513, 0.3177,
0.3062

■ 10.0722, 0.3237,
0.2752

■ 10.0722, 0.3237,
0.2752

■ 8.5541, 0.3287,
0.2553

■ 11.8557, 0.3192,
0.2953

■ 7.2873, 0.3341,
0.2362

■ 13.9153, 0.3153,
0.3151

■ 6.2583, 0.3399,
0.2188

■ 16.2626, 0.3118,
0.3341

■ 5.4520, 0.3460,
0.2040

■ 18.9082, 0.3088,
0.3522

■ 4.8511, 0.3521,
0.1924

■ 21.8623, 0.3062,
0.3691

■ 4.4364, 0.3582,
0.1846

■ 25.1342, 0.3040,
0.3848

■ 4.1548, 0.3641,
0.1801

■ 28.7334, 0.3022,
0.3992

■ 4.0806, 0.3658,
0.1789

■ 32.6684, 0.3006,
0.4125

■ 36.9479, 0.2992,
0.4247

Harmonies

Analogous

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



10.0722, 0.2789, 0.2584



10.0722, 0.3237, 0.2752



10.0722, 0.3684, 0.3041

Triad

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



10.0722, 0.3237, 0.2752



10.0722, 0.3812, 0.4029



10.0722, 0.2342, 0.3085

Complementary

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



10.0722, 0.3237, 0.2752



13.5118, 0.3034, 0.3895

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.



10.0722, 0.2579, 0.3533



10.0722, 0.3237, 0.2752



10.0722, 0.3422, 0.4113

Square

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



10.0722, 0.3237, 0.2752



10.0722, 0.4024, 0.3755



10.0722, 0.2970, 0.3931



10.0722, 0.2300, 0.2743

Rectangle

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



10.0722, 0.3237, 0.2752



10.0722, 0.3906, 0.3275



10.0722, 0.2970, 0.3931



10.0722, 0.2400, 0.3228

Sweetspot

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



10.0726, 0.3237, 0.2752



24.0755, 0.3156, 0.3132



8.7958, 0.2759, 0.2574



5.4958, 0.3161, 0.3109



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



10.0726, 0.3237, 0.2752



15.8759, 0.3269, 0.2619



9.7913, 0.3492, 0.3068



3.4444, 0.3159, 0.3117



4.8994, 0.3663, 0.1791



24.2966, 0.3692, 0.1807

Inverse Universe

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



10.0726, 0.3237, 0.2752



15.8759, 0.3269, 0.2619



13.7757, 0.2861, 0.3525



3.4444, 0.3159, 0.3117



4.8994, 0.3663, 0.1791



24.2966, 0.3692, 0.1807

Previews

White Background



This preview shows how the Yxy color 10.0722, 0.3237, 0.2752 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 10.0722, 0.3237, 0.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

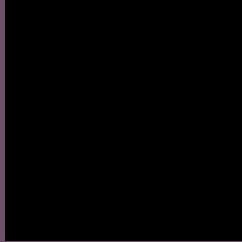
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.0722, 0.3237, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 10.0722, 0.3237, 0.2752.



This preview shows how white text looks on a background with the Yxy color 10.0722, 0.3237, 0.2752.

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

10.0722, 0.3237, 0.2752

Protanopia

10.1773, 0.2748, 0.2770

Deuteranopia

10.0912, 0.2956, 0.2890



Tritanopia

10.0959, 0.3464, 0.3156

Trichromacy



Original Color

10.0722, 0.3237, 0.2752

Protanomaly

10.0869, 0.2901, 0.2760

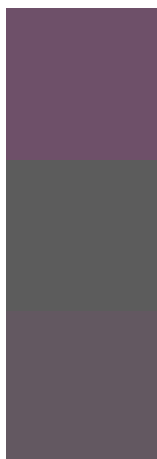
Deuteranomaly

9.9928, 0.3067, 0.2834

Tritanomaly

10.1120, 0.3382, 0.3002

Monochromacy



Original Color

10.0722, 0.3237, 0.2752

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.4952, 0.3169, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.0722, 0.3237, 0.2752 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(110, 80, 105)` looks like.

```
.text, #text, p{  
    color:rgb(110, 80, 105)  
}
```

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(110, 80, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 80, 105) }
```

Border

The CSS property to change the border of an element to Yxy 10.0722, 0.3237, 0.2752 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(110, 80, 105) }
```

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

```
.border{ border-color:rgb(110, 80, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 80, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 80, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 80, 105);  
box-shadow:4px 4px 4px 4px rgb(110, 80,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 10.0722, 0.3237, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 80, 105) }
```

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

```
.background{ background-color: rgb(110, 80,  
105) }
```

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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