

Converting Colors

$Y_{xy}(10.1657, 0.3541, 0.3013)$

Have a look what the booklet for
Yxy(10.1657, 0.3541, 0.3013)
contains.

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Color

Yxy(10.1725, 0.3527, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	73505D
RGB	115, 80, 93
RGB Percent	45%, 31%, 36%
CMY	0.5491, 0.6862, 0.6353
CMYK	0.00, 0.30, 0.19, 0.55
HSL	338°, 18%, 38%
HSV	338°, 30%, 45%
XYZ	11.9118, 10.1725, 11.6889
YIQ	91.9470, 16.6870, 11.4630

Conversions

Conversions Part 2

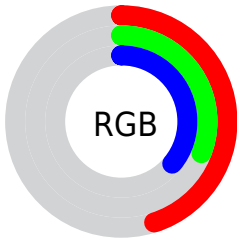
Format	Color
R_{YB}	115, 80, 93
Decimal	7557213
CIE _{Lab}	38.15, 16.81, -1.69
CIE _{LCh}	38, 16.895, 354.256
Yxy	10.1725, 0.3527, 0.3012
Android (android.graphics.Color)	4285747293 (0xFF73505D)
YUV	91.9470, 0.5191, 20.2175
Hunter-Lab	31.8944, 10.8506, 0.5969

Details

The Yxy color **10.1725, 0.3527, 0.3012** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.9213, 0.2846, 0.3588**, and the grayscale version is **10.6856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.2733, 0.3427, 0.3095**, and **2.5656, 0.3762, 0.2872** is the 20% darker color. If you saturate the color by 10%, you get **8.5084, 0.3715, 0.2917**, and if you desaturate by 10%, it is **12.1378, 0.3370, 0.3107**.

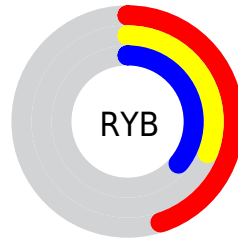
Distribution



Red (45%)

Green (31%)

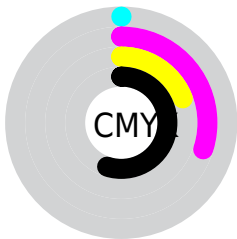
Blue (36%)



Red (45%)

Yellow (31%)

Blue (36%)

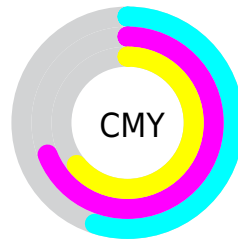


Cyan (0%)

Magenta (30%)

Yellow (19%)

Black (55%)



Cyan (55%)


Magenta (69%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.1725, 0.3527, 0.3012 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 10.1725, 0.3527, 0.3012 by changing the saturation by 10% instead.


 10.1725, 0.3527,
0.3012


 10.1725, 0.3527,
0.3012


191.8988, 0.3278,
0.3184


 5.5135, 0.3616,
0.2951

 26.1195, 0.3420,
0.3085


 2.5516, 0.3756,
0.2857

 38.1762, 0.3386,
0.3109


 0.9024, 0.4008,
0.2691

 53.4676, 0.3358,
0.3128

 0.0000, 1.0000,
0.0000

 72.3781, 0.3336,
0.3143

 0.0000, 0.0000,
0.0000

 95.2921, 0.3318,
0.3156

122.5939, 0.3303,

0.3167

154.6680, 0.3290,
0.3176

■ 10.1725, 0.3527,
0.3012

■ 10.1725, 0.3527,
0.3012

■ 8.5084, 0.3715,
0.2917

■ 12.1378, 0.3370,
0.3107

■ 7.1292, 0.3936,
0.2827

■ 14.4169, 0.3239,
0.3199

■ 6.0189, 0.4192,
0.2751


■ 17.0234, 0.3131,
0.3287

■ 5.1596, 0.4478,
0.2697


■ 19.9694, 0.3042,
0.3368


■ 4.5311, 0.4784,
0.2677


■ 23.2668, 0.2968,
0.3443


 4.1101, 0.5094,
0.2700

 26.9267, 0.2907,
0.3512

 3.8151, 0.5391,
0.2743

 30.9596, 0.2856,
0.3576

 35.3759, 0.2813,
0.3633

 40.1852, 0.2778,
0.3687

Harmonies

Analogous

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



10.1725, 0.3133, 0.2778



10.1725, 0.3527, 0.3012



10.1725, 0.3819, 0.3317

Triad

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



10.1725, 0.3527, 0.3012



10.1725, 0.3470, 0.3997



10.1725, 0.2401, 0.2876

Complementary

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



10.1725, 0.3527, 0.3012



14.9213, 0.2846, 0.3588

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.



10.1725, 0.2479, 0.3200



10.1725, 0.3527, 0.3012



10.1725, 0.3082, 0.3889

Square

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



10.1725, 0.3527, 0.3012



10.1725, 0.3777, 0.3889



10.1725, 0.2722, 0.3584



10.1725, 0.2500, 0.2689

Rectangle

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



10.1725, 0.3527, 0.3012



10.1725, 0.3905, 0.3531



10.1725, 0.2722, 0.3584



10.1725, 0.2407, 0.2971

Sweetspot

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



10.1730, 0.3527, 0.3012



26.3434, 0.3225, 0.3210



9.7769, 0.2947, 0.2528



6.1592, 0.3239, 0.3199



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.



10.1730, 0.3527, 0.3012



16.2152, 0.3646, 0.2950



10.5779, 0.3737, 0.3381



3.7213, 0.3223, 0.3212



4.3596, 0.5407, 0.2752



21.0911, 0.5541, 0.2826

Inverse Universe

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



10.1730, 0.3527, 0.3012



16.2152, 0.3646, 0.2950



14.2897, 0.2702, 0.3197



3.7213, 0.3223, 0.3212



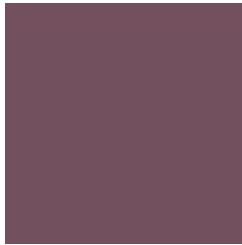
4.3596, 0.5407, 0.2752



21.0911, 0.5541, 0.2826

Previews

White Background



This preview shows how the Yxy color 10.1725, 0.3527, 0.3012 looks on a white background.

Color Contrast Check

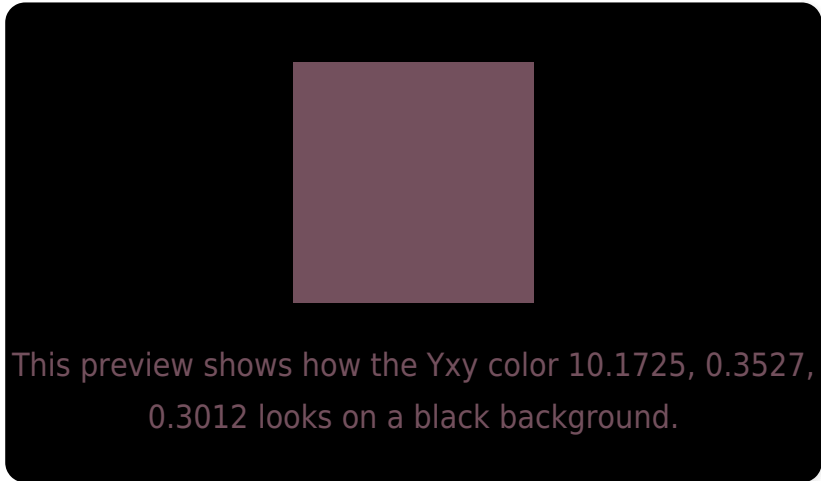
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

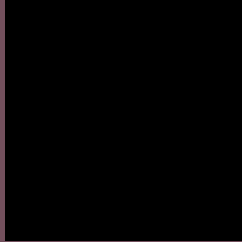
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.1725, 0.3527, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 10.1725, 0.3527, 0.3012.



This preview shows how white text looks on a background with the Yxy color 10.1725, 0.3527, 0.3012.

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

10.1725, 0.3527, 0.3012

Protanopia

10.1695, 0.2981, 0.3049

Deuteranopia

10.1858, 0.3232, 0.3172



Tritanopia

10.1504, 0.3612, 0.3160

Trichromacy



Original Color

10.1725, 0.3527, 0.3012

Protanomaly

10.1153, 0.3156, 0.3034

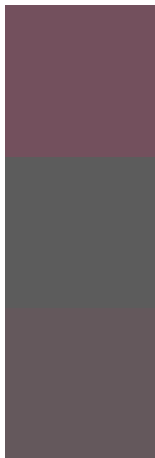
Deuteranomaly

10.0564, 0.3340, 0.3107

Tritanomaly

10.1835, 0.3577, 0.3117

Monochromacy



Original Color

10.1725, 0.3527, 0.3012

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.4615, 0.3263, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.1725, 0.3527, 0.3012 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(115, 80, 93)` looks like.

```
.text, #text, p{  
    color:rgb(115, 80, 93)  
}
```

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(115, 80, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 80, 93) }
```

Border

The CSS property to change the border of an element to Yxy 10.1725, 0.3527, 0.3012 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(115, 80, 93) }
```

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

```
.border{ border-color:rgb(115, 80, 93) }
```

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

Here you see how a box with a 4 pixel rgb(115, 80, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 80, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 80, 93);  
box-shadow:4px 4px 4px 4px rgb(115, 80,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 10.1725, 0.3527, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 80, 93) }
```

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

```
.background{ background-color: rgb(115, 80,  
93) }
```

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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