

Converting Colors

$Y_{xy}(10.7807, 0.3371, 0.3759)$

Have a look what the booklet for
Yxy(10.7807, 0.3371, 0.3759)
contains.

Yxy(10.7887, 0.3375, 0.3759)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.7887, 0.3375, 0.3759)

Conversions

Conversions Part 1

Format	Color
Hex	5C5E4B
RGB	92, 94, 75
RGB Percent	36%, 37%, 29%
CMY	0.6392, 0.6314, 0.7059
CMYK	0.02, 0.00, 0.20, 0.63
HSL	66°, 11%, 33%
HSV	66°, 20%, 37%
XYZ	9.6866, 10.7887, 8.2257
YIQ	91.2360, 4.9070, -6.3330

Conversions

Conversions Part 2

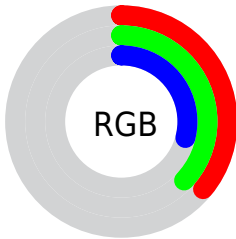
Format	Color
R_{YB}	75, 94, 77
Decimal	6053451
CIE Lab	39.22, -4.48, 10.66
CIE LCh	39, 11.565, 112.773
Yxy	10.7887, 0.3375, 0.3759
Android (android.graphics.Color)	4284243531 (0xFF5C5E4B)
YUV	91.2360, -8.0043, 0.6700
Hunter-Lab	32.8462, -4.8398, 8.1442

Details

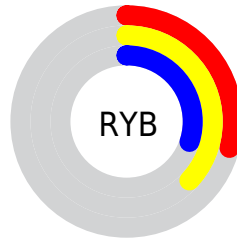
The Yxy color **10.7887, 0.3375, 0.3759** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7.4151, 0.2852, 0.2784**, and the grayscale version is **10.5363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.1525, 0.3306, 0.3624**, and **2.7937, 0.3507, 0.4030** is the 20% darker color. If you saturate the color by 10%, you get **10.6195, 0.3498, 0.3998**, and if you desaturate by 10%, it is **10.9786, 0.3251, 0.3523**.

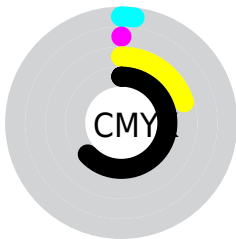
Distribution



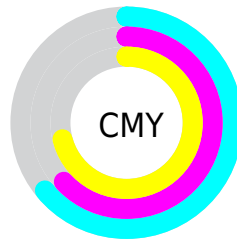
- Red (36%)
- Green (37%)
- Blue (29%)



- Red (29%)
- Yellow (37%)
- Blue (30%)



- Cyan (2%)
- Magenta (0%)
- Yellow (20%)
- Black (63%)



- Cyan (64%)
- Magenta (63%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.7887, 0.3375, 0.3759 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 10.7887, 0.3375, 0.3759 by changing the saturation by 10% instead.

■ 10.7887, 0.3375,
0.3759

■ 10.7887, 0.3375,
0.3759

■ 196.2121, 0.3223,
0.3465

■ 5.9249, 0.3427,
0.3866

■ 27.2688, 0.3311,
0.3632

■ 2.7995, 0.3505,
0.4034

■ 39.6539, 0.3290,
0.3591

■ 1.0280, 0.3819,
0.4558

■ 55.3149, 0.3273,
0.3559

■ 0.0000, 0.0000,
0.0000

■ 74.6361, 0.3260,
0.3533

■ 98.0021, 0.3248,
0.3512

125.7972, 0.3239,

0.3494

158.4057, 0.3231,
0.3478

■ 10.7887, 0.3375,
0.3759

■ 10.7887, 0.3375,
0.3759

■ 10.6195, 0.3498,
0.3998

■ 10.9786, 0.3251,
0.3523

■ 10.4686, 0.3616,
0.4234

■ 11.1884, 0.3130,
0.3295

■ 10.3357, 0.3726,
0.4459

■ 11.4195, 0.3013,
0.3079

■ 10.2198, 0.3823,
0.4665

■ 11.6725, 0.2902,
0.2876

■ 10.1198, 0.3901,
0.4844

■ 11.9480, 0.2798,
0.2688

■ 10.0345, 0.3960,
0.4989

■ 12.2468, 0.2702,
0.2516

■ 9.9625, 0.3995,
0.5097

■ 12.5694, 0.2613,
0.2358

■ 9.8976, 0.4022,
0.5188

■ 12.9164, 0.2531,
0.2214

■ 13.2884, 0.2457,
0.2084

Harmonies

Analogous

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



10.7887, 0.3574, 0.3692



10.7887, 0.3375, 0.3759



10.7887, 0.3115, 0.3690

Triad

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



10.7887, 0.3375, 0.3759



10.7887, 0.2629, 0.3025



10.7887, 0.3385, 0.3092

Complementary

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



10.7887, 0.3375, 0.3759



7.4151, 0.2852, 0.2784

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.



10.7887, 0.3122, 0.2931



10.7887, 0.3375, 0.3759



10.7887, 0.2693, 0.2886

Square

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



10.7887, 0.3375, 0.3759



10.7887, 0.2691, 0.3249



10.7887, 0.2870, 0.2855



10.7887, 0.3582, 0.3304

Rectangle

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



10.7887, 0.3375, 0.3759



10.7887, 0.2944, 0.3572



10.7887, 0.2870, 0.2855



10.7887, 0.3300, 0.3031

Sweetspot

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



10.7892, 0.3375, 0.3759



19.3673, 0.3202, 0.3430



8.1795, 0.3483, 0.3339



4.6377, 0.3206, 0.3438



50.7079, 0.3127, 0.3290



4.6964, 0.3127, 0.3290

Same Dimension

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



10.7892, 0.3375, 0.3759



18.7531, 0.3431, 0.3867



10.3338, 0.3222, 0.3782



2.6759, 0.3234, 0.3490



13.6824, 0.4019, 0.5191



74.6990, 0.4008, 0.5200

Inverse Universe

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



7.4151, 0.2852, 0.2784



11.7402, 0.2781, 0.2657



7.8355, 0.3014, 0.2808



2.2917, 0.3016, 0.3084



1.1927, 0.1559, 0.0632



6.3278, 0.1530, 0.0616

Previews

White Background



This preview shows how the Yxy color 10.7887, 0.3375, 0.3759 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 10.7887, 0.3375, 0.3759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

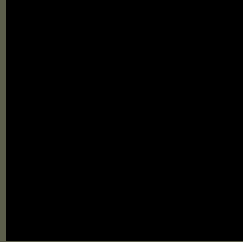
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.7887, 0.3375, 0.3759

Background



This preview shows how black text looks on a background with the Yxy color 10.7887, 0.3375, 0.3759.



This preview shows how white text looks on a background with the Yxy color 10.7887, 0.3375, 0.3759.

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

10.7887, 0.3375, 0.3759

Protanopia

10.7454, 0.3499, 0.3723

Deuteranopia

10.7924, 0.3637, 0.3588



Tritanopia

10.7969, 0.3088, 0.3126

Trichromacy



Original Color

10.7887, 0.3375, 0.3759

Protanomaly

10.8099, 0.3460, 0.3750

Deuteranomaly

10.8288, 0.3541, 0.3643

Tritanomaly

10.7722, 0.3188, 0.3338

Monochromacy



Original Color

10.7887, 0.3375, 0.3759

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.5343, 0.3215, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7887, 0.3375, 0.3759 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(92, 94, 75) looks like.

```
.text, #text, p{  
    color:rgb(92, 94, 75)  
}
```

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(92, 94, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 94, 75) }
```

Border

The CSS property to change the border of an element to Yxy 10.7887, 0.3375, 0.3759 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(92, 94, 75) }
```

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

```
.border{ border-color:rgb(92, 94, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 94, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 94, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 94, 75);  
box-shadow:4px 4px 4px 4px rgb(92, 94, 75)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.7887, 0.3375, 0.3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 94, 75) }
```

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

```
.background{ background-color: rgb(92, 94,  
75) }
```

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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