

Converting Colors

$Yxy(20.1869, 0.3377, 0.4013)$

Have a look what the booklet for
Yxy(20.1869, 0.3377, 0.4013)
contains.

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Color

Yxy(20.1862, 0.3377, 0.4013)

Conversions

Conversions Part 1

Format	Color
Hex	74815C
RGB	116, 129, 92
RGB Percent	45%, 51%, 36%
CMY	0.5450, 0.4941, 0.6392
CMYK	0.10, 0.00, 0.29, 0.49
HSL	81°, 17%, 43%
HSV	81°, 29%, 51%
XYZ	16.9870, 20.1862, 13.1288
YIQ	120.8950, 4.1290, -14.2630

Conversions

Conversions Part 2

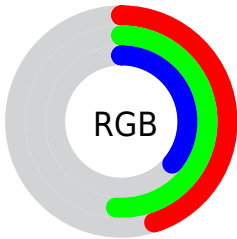
Format	Color
RYB	92, 129, 105
Decimal	7635292
CIELab	52.05, -11.67, 18.52
CIElCh	52, 21.884, 122.211
Yxy	20.1862, 0.3377, 0.4013
Android (android.graphics.Color)	4285825372 (0xFF74815C)
YUV	120.8950, -14.2452, -4.2929
Hunter-Lab	44.9291, -11.1377, 14.1251

Details

The Yxy color $20.1862, 0.3377, 0.4013$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.2439, 0.2820, 0.2536$, and the grayscale version is $19.1324, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.7337, 0.3326, 0.3852$, and $7.1279, 0.3447, 0.4329$ is the 20% darker color. If you saturate the color by 10%, you get $19.6776, 0.3457, 0.4283$, and if you desaturate by 10%, it is $20.7501, 0.3291, 0.3749$.

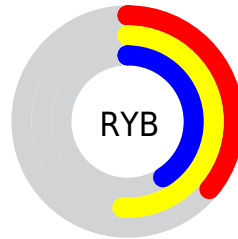
Distribution



Red (45%)

Green (51%)

Blue (36%)



Red (36%)

Yellow (51%)

Blue (41%)

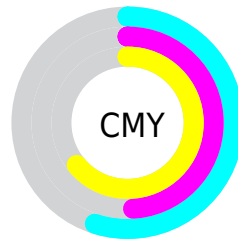


Cyan (10%)

Magenta (0%)

Yellow (29%)

Black (49%)



Cyan (55%)


Magenta (49%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.1862, 0.3377, 0.4013 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 20.1862, 0.3377, 0.4013 by changing the saturation by 10% instead.


 20.1862, 0.3377,
0.4013


 20.1862, 0.3377,
0.4013


252.9213, 0.3242,
0.3592


 12.5305, 0.3413,
0.4144


 43.7291, 0.3326,
0.3842

 7.1060, 0.3460,
0.4332


 60.3851, 0.3307,
0.3784

 3.5285, 0.3520,
0.4620

 80.8100, 0.3291,
0.3737

 1.4135, 0.3868,
0.5517

 105.3882, 0.3278,
0.3698

 0.2266, 0.0000,
1.0000

134.5040, 0.3267,
0.3665

 0.0000, 0.0000,
0.0000

168.5418, 0.3257,

0.3637

207.8862, 0.3249,
0.3613

■ 20.1862, 0.3377,
0.4013

■ 20.1862, 0.3377,
0.4013

■ 19.6776, 0.3457,
0.4283

■ 20.7501, 0.3291,
0.3749

■ 19.2195, 0.3528,
0.4551

■ 21.3687, 0.3203,
0.3496

■ 18.8105, 0.3585,
0.4806

■ 22.0447, 0.3116,
0.3260

■ 18.4479, 0.3623,
0.5037

■ 22.7799, 0.3031,
0.3041

■ 18.1290, 0.3640,
0.5234

■ 23.5761, 0.2950,
0.2841

■ 17.8504, 0.3633,
0.5386

■ 24.4349, 0.2873,
0.2659

■ 17.6041, 0.3609,
0.5503

■ 25.3579, 0.2802,
0.2494

■ 17.5726, 0.3606,
0.5519

■ 26.3465, 0.2736,
0.2346

■ 27.4022, 0.2674,
0.2213

Harmonies

Analogous

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



20.1862, 0.3726, 0.3955



20.1862, 0.3377, 0.4013



20.1862, 0.2975, 0.3841

Triad

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



20.1862, 0.3377, 0.4013



20.1862, 0.2390, 0.2796



20.1862, 0.3634, 0.3082

Complementary

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



20.1862, 0.3377, 0.4013



12.2439, 0.2820, 0.2536

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.



20.1862, 0.3244, 0.2817



20.1862, 0.3377, 0.4013



20.1862, 0.2538, 0.2648

Square

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



20.1862, 0.3377, 0.4013



20.1862, 0.2421, 0.3097



20.1862, 0.2843, 0.2661



20.1862, 0.3888, 0.3404

Rectangle

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



20.1862, 0.3377, 0.4013



20.1862, 0.2732, 0.3619



20.1862, 0.2843, 0.2661



20.1862, 0.3513, 0.2984

Sweetspot

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



20.1871, 0.3377, 0.4013



38.2062, 0.3208, 0.3509



15.5342, 0.3656, 0.3543



8.6155, 0.3219, 0.3540



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



20.1871, 0.3377, 0.4013



35.5825, 0.3427, 0.4178



19.0449, 0.3154, 0.4066



4.9463, 0.3207, 0.3506



17.1368, 0.3607, 0.5518



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.2439, 0.2820, 0.2536



19.0618, 0.2739, 0.2355



13.4855, 0.3079, 0.2592



4.2794, 0.3043, 0.3071



2.0972, 0.1799, 0.0765



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 20.1862, 0.3377, 0.4013 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 20.1862, 0.3377, 0.4013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

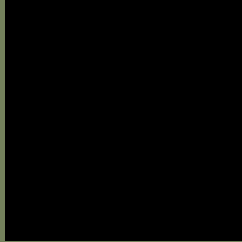
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

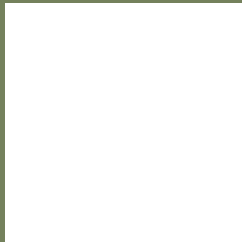
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 20.1862, 0.3377, 0.4013

Background



This preview shows how black text looks on a background with the Yxy color 20.1862, 0.3377, 0.4013.



This preview shows how white text looks on a background with the Yxy color 20.1862, 0.3377, 0.4013.

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

20.1862, 0.3377, 0.4013

Protanopia

20.1400, 0.3640, 0.3915

Deuteranopia

20.1128, 0.3793, 0.3726



Tritanopia

20.2463, 0.3005, 0.3125

Trichromacy



Original Color

20.1862, 0.3377, 0.4013

Protanomaly

20.1891, 0.3540, 0.3948

Deuteranomaly

20.1071, 0.3636, 0.3838

Tritanomaly

20.2228, 0.3144, 0.3441

Monochromacy



Original Color

20.1862, 0.3377, 0.4013

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

19.4630, 0.3225, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.1862, 0.3377, 0.4013 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(116, 129, 92)` looks like.

```
.text, #text, p{  
    color:rgb(116, 129, 92)  
}
```

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(116, 129, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 129, 92) }
```

Border

The CSS property to change the border of an element to Yxy 20.1862, 0.3377, 0.4013 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(116, 129, 92) }
```

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

```
.border{ border-color:rgb(116, 129, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 129, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 129, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 129, 92);  
box-shadow:4px 4px 4px 4px rgb(116, 129,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 20.1862, 0.3377, 0.4013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 129, 92) }
```

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

```
.background{ background-color: rgb(116,  
129, 92) }
```

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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