

Converting Colors

$Y_{xy}(20.6592, 0.3270, 0.4037)$

Have a look what the booklet for
Yxy(20.6592, 0.3270, 0.4037)
contains.

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Color

Yxy(20.6257, 0.3274, 0.4043)

Conversions

Conversions Part 1

Format	Color
Hex	6E845E
RGB	110, 132, 94
RGB Percent	43%, 52%, 37%
CMY	0.5686, 0.4823, 0.6314
CMYK	0.17, 0.00, 0.29, 0.48
HSL	95°, 17%, 44%
HSV	95°, 29%, 52%
XYZ	16.7026, 20.6257, 13.6875
YIQ	121.0900, -0.9140, -16.4820

Conversions

Conversions Part 2

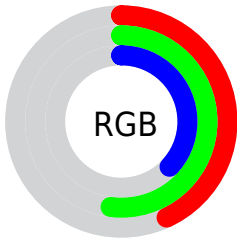
Format	Color
R_{YB}	94, 132, 116
Decimal	7242846
CIE _{Lab}	52.54, -15.36, 17.98
CIE _{LCh}	53, 23.647, 130.507
Yxy	20.6257, 0.3274, 0.4043
Android (android.graphics.Color)	4285432926 (0xFF6E845E)
YUV	121.0900, -13.3554, -9.7259
Hunter-Lab	45.4155, -13.8298, 13.9218

Details

The Yxy color $20.6257, 0.3274, 0.4043$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $13.3810, 0.2935, 0.2556$, and the grayscale version is $19.1960, 0.3127, 0.3290$.

A 20% lighter version of the original color is $44.4236, 0.3244, 0.3857$, and $7.2640, 0.3327, 0.4381$ is the 20% darker color. If you saturate the color by 10%, you get $19.9406, 0.3317, 0.4337$, and if you desaturate by 10%, it is $21.3954, 0.3225, 0.3763$.

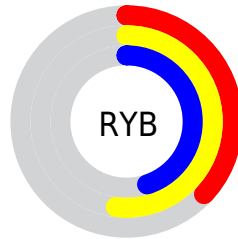
Distribution



Red (43%)

Green (52%)

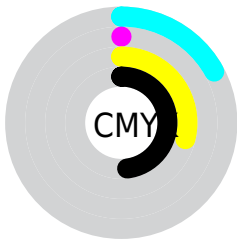
Blue (37%)



Red (37%)

Yellow (52%)

Blue (45%)

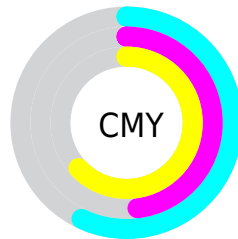


Cyan (17%)

Magenta (0%)

Yellow (29%)

Black (48%)



Cyan (57%)


Magenta (48%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.6257, 0.3274, 0.4043 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 20.6257, 0.3274, 0.4043 by changing the saturation by 10% instead.


 20.6257, 0.3274,
0.4043

 20.6257, 0.3274,
0.4043

255.2826, 0.3199,
0.3603


 12.8507, 0.3292,
0.4181


 44.4638, 0.3247,
0.3864


 7.3258, 0.3312,
0.4380


 61.2956, 0.3237,
0.3803

 3.6667, 0.3331,
0.4688

 81.9151, 0.3228,
0.3754

 1.4889, 0.3524,
0.5532

 106.7068, 0.3220,
0.3713

 0.2809, 0.0000,
1.0000

136.0550, 0.3214,
0.3679

 0.0000, 0.0000,
0.0000

170.3441, 0.3208,

0.3650

209.9585, 0.3203,
0.3625

■ 20.6257, 0.3274,
0.4043

■ 20.6257, 0.3274,
0.4043

■ 19.9406, 0.3317,
0.4337

■ 21.3954, 0.3225,
0.3763

■ 19.3342, 0.3351,
0.4636

■ 22.2498, 0.3174,
0.3502

■ 18.8041, 0.3372,
0.4928

■ 23.1928, 0.3121,
0.3262

■ 18.3467, 0.3377,
0.5198

■ 24.2268, 0.3069,
0.3046

■ 17.9579, 0.3364,
0.5432

■ 25.3545, 0.3018,
0.2851

■ 17.6333, 0.3333,
0.5617

■ 26.5783, 0.2971,
0.2677

■ 17.3633, 0.3290,
0.5757

■ 27.9005, 0.2925,
0.2522

■ 17.3333, 0.3285,
0.5774

■ 29.3233, 0.2883,
0.2385

■ 30.8489, 0.2843,
0.2263

Harmonies

Analogous

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



20.6257, 0.3676, 0.4042



20.6257, 0.3274, 0.4043



20.6257, 0.2849, 0.3794

Triad

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



20.6257, 0.3274, 0.4043



20.6257, 0.2365, 0.2699



20.6257, 0.3767, 0.3158

Complementary

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



20.6257, 0.3274, 0.4043



13.3810, 0.2935, 0.2556

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.



20.6257, 0.3374, 0.2854



20.6257, 0.3274, 0.4043



20.6257, 0.2572, 0.2591

Square

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



20.6257, 0.3274, 0.4043



20.6257, 0.2344, 0.2978



20.6257, 0.2934, 0.2651



20.6257, 0.3979, 0.3507

Rectangle

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



20.6257, 0.3274, 0.4043



20.6257, 0.2611, 0.3528



20.6257, 0.2934, 0.2651



20.6257, 0.3650, 0.3048

Sweetspot

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



20.6266, 0.3274, 0.4043



39.1283, 0.3176, 0.3512



18.0961, 0.3620, 0.3695



9.0635, 0.3182, 0.3544



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



20.6266, 0.3274, 0.4043



35.4738, 0.3305, 0.4247



19.7362, 0.3065, 0.4032



5.2936, 0.3175, 0.3510



16.7856, 0.3286, 0.5773



0.0623, 0.3631, 0.5499

Inverse Universe

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



13.3810, 0.2935, 0.2556



20.3935, 0.2876, 0.2363



14.5065, 0.3194, 0.2646



4.6676, 0.3075, 0.3072



3.1184, 0.2211, 0.0992



0.0151, 0.2659, 0.1239

Previews

White Background



This preview shows how the Yxy color 20.6257, 0.3274, 0.4043 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 20.6257, 0.3274, 0.4043 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 20.6257, 0.3274, 0.4043

Background



This preview shows how black text looks on a background with the Yxy color 20.6257, 0.3274, 0.4043.



This preview shows how white text looks on a background with the Yxy color 20.6257, 0.3274, 0.4043.

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

20.6257, 0.3274, 0.4043

Protanopia

20.4909, 0.3637, 0.3911

Deuteranopia

20.4991, 0.3762, 0.3689



Tritanopia

20.6979, 0.2897, 0.3105

Trichromacy



Original Color

20.6257, 0.3274, 0.4043

Protanomaly

20.5710, 0.3494, 0.3970

Deuteranomaly

20.3282, 0.3582, 0.3803

Tritanomaly

20.6584, 0.3039, 0.3442

Monochromacy



Original Color

20.6257, 0.3274, 0.4043

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

19.5968, 0.3187, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.6257, 0.3274, 0.4043 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, 132, 94)` looks like.

```
.text, #text, p{  
    color:rgb(110, 132, 94)  
}
```

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, 132, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 132, 94) }
```

Border

The CSS property to change the border of an element to Yxy 20.6257, 0.3274, 0.4043 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, 132, 94) }
```

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

```
.border{ border-color:rgb(110, 132, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 132, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 132, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 132, 94);  
box-shadow:4px 4px 4px 4px rgb(110, 132,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 20.6257, 0.3274, 0.4043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 132, 94) }
```

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

```
.background{ background-color: rgb(110,  
132, 94) }
```

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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