

Converting Colors

$Y_{xy}(20.4890, 0.2975, 0.3925)$

Have a look what the booklet for
Yxy(20.4890, 0.2975, 0.3925)
contains.

Yxy(20.6027, 0.2971, 0.3929)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(20.6027, 0.2971, 0.3929)$

Conversions

Conversions Part 1

Format	Color
Hex	5C8768
RGB	92, 135, 104
RGB Percent	36%, 53%, 41%
CMY	0.6391, 0.4706, 0.5921
CMYK	0.32, 0.00, 0.23, 0.47
HSL	137°, 19%, 45%
HSV	137°, 32%, 53%
XYZ	15.5792, 20.6027, 16.2556
YIQ	118.6090, -15.6770, -18.7570

Conversions

Conversions Part 2

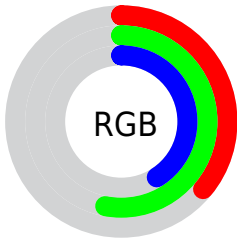
Format	Color
R_{YB}	92, 126, 135
Decimal	6063976
CIE _{Lab}	52.51, -21.67, 12.02
CIE _{LCh}	53, 24.787, 150.979
Yxy	20.6027, 0.2971, 0.3929
Android (android.graphics.Color)	4284254056 (0xFF5C8768)
YUV	118.6090, -7.2022, -23.3361
Hunter-Lab	45.3902, -18.1666, 10.5396

Details

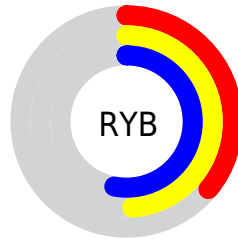
The Yxy color **20.6027, 0.2971, 0.3929** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.2411, 0.3332, 0.2727**, and the grayscale version is **18.3475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.1726, 0.3009, 0.3773**, and **7.3279, 0.2893, 0.4218** is the 20% darker color. If you saturate the color by 10%, you get **19.7823, 0.2928, 0.4173**, and if you desaturate by 10%, it is **21.5716, 0.3018, 0.3705**.

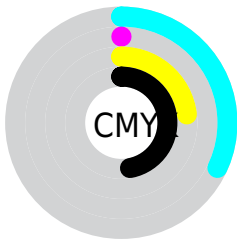
Distribution



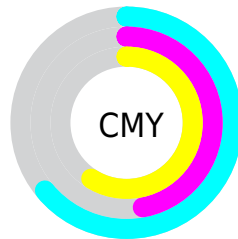
- Red (36%)
- Green (53%)
- Blue (41%)



- Red (36%)
- Yellow (49%)
- Blue (53%)



- Cyan (32%)
- Magenta (0%)
- Yellow (23%)
- Black (47%)




- Cyan (64%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.6027, 0.2971, 0.3929 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 20.6027, 0.2971, 0.3929 by changing the saturation by 10% instead.


 20.6027, 0.2971,
0.3929


 20.6027, 0.2971,
0.3929


255.1595, 0.3066,
0.3553


 12.8339, 0.2939,
0.4049


 44.4254, 0.3011,
0.3775


 7.3143, 0.2891,
0.4223


 61.2480, 0.3024,
0.3723

 3.6594, 0.2810,
0.4499

 81.8574, 0.3035,
0.3681

 1.4849, 0.2678,
0.5051

 106.6380, 0.3043,
0.3647

 0.2781, 0.0000,
1.0000

135.9741, 0.3050,
0.3618

 0.0000, 0.0000,
0.0000

170.2501, 0.3056,

0.3593

209.8504, 0.3062,
0.3572

■ 20.6027, 0.2971,
0.3929

■ 20.6027, 0.2971,
0.3929

■ 19.7823, 0.2928,
0.4173

■ 21.5716, 0.3018,
0.3705

■ 19.1004, 0.2893,
0.4432

■ 22.6932, 0.3068,
0.3502

■ 18.5499, 0.2867,
0.4699

■ 23.9748, 0.3118,
0.3321

■ 18.1220, 0.2855,
0.4965

■ 25.4225, 0.3168,
0.3161

■ 17.8067, 0.2856,
0.5216

■ 27.0418, 0.3216,
0.3020

■ 17.5923, 0.2873,
0.5442

■ 28.8383, 0.3261,
0.2897

■ 17.4644, 0.2890,
0.5603

■ 30.8171, 0.3305,
0.2790

■ 32.9833, 0.3346,
0.2697

■ 35.3416, 0.3384,
0.2615

Harmonies

Analogous

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



20.6027, 0.3422, 0.4110



20.6027, 0.2971, 0.3929



20.6027, 0.2581, 0.3532

Triad

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



20.6027, 0.2971, 0.3929



20.6027, 0.2459, 0.2576



20.6027, 0.3977, 0.3397

Complementary

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



20.6027, 0.2971, 0.3929



14.2411, 0.3332, 0.2727

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.



20.6027, 0.3682, 0.3042



20.6027, 0.2971, 0.3929



20.6027, 0.2790, 0.2586

Square

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



20.6027, 0.2971, 0.3929



20.6027, 0.2303, 0.2744



20.6027, 0.3237, 0.2753



20.6027, 0.4022, 0.3754

Rectangle

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



20.6027, 0.2971, 0.3929



20.6027, 0.2402, 0.3229



20.6027, 0.3237, 0.2753



20.6027, 0.3904, 0.3275

Sweetspot

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



20.6036, 0.2971, 0.3929



40.9899, 0.3076, 0.3471



22.3509, 0.3448, 0.4090



9.4311, 0.3070, 0.3495



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



20.6036, 0.2971, 0.3929



35.8394, 0.2940, 0.4099



21.0837, 0.2776, 0.3488



5.2245, 0.3081, 0.3451



16.1076, 0.2888, 0.5597



0.0569, 0.2671, 0.4814

Inverse Universe

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



14.2411, 0.3332, 0.2727



22.6253, 0.3391, 0.2602



13.7711, 0.3655, 0.3103



4.7413, 0.3176, 0.3135



5.5541, 0.4038, 0.1998



0.0205, 0.3588, 0.1750

Previews

White Background



This preview shows how the Yxy color 20.6027, 0.2971, 0.3929 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 20.6027, 0.2971, 0.3929 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 20.6027, 0.2971, 0.3929

Background



This preview shows how black text looks on a background with the Yxy color 20.6027, 0.2971, 0.3929.



This preview shows how white text looks on a background with the Yxy color 20.6027, 0.2971, 0.3929.

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

20.6027, 0.2971, 0.3929

Protanopia

20.5546, 0.3529, 0.3767

Deuteranopia

20.3341, 0.3582, 0.3519



Tritanopia

20.5410, 0.2689, 0.3080

Trichromacy



Original Color

20.6027, 0.2971, 0.3929

Protanomaly

20.4917, 0.3303, 0.3830

Deuteranomaly

19.9929, 0.3331, 0.3650

Tritanomaly

20.5478, 0.2782, 0.3368

Monochromacy



Original Color

20.6027, 0.2971, 0.3929

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

19.1333, 0.3058, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.6027, 0.2971, 0.3929 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, 135, 104)` looks like.

```
.text, #text, p{  
    color:rgb(92, 135, 104)  
}
```

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, 135, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 135, 104) }
```

Border

The CSS property to change the border of an element to Yxy 20.6027, 0.2971, 0.3929 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, 135, 104) }
```

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

```
.border{ border-color:rgb(92, 135, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 135, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 135, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 135, 104);  
box-shadow:4px 4px 4px 4px rgb(92, 135,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 20.6027, 0.2971, 0.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 135, 104) }
```

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

```
.background{ background-color: rgb(92, 135,  
104) }
```

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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