

Converting Colors

$Y_{xy}(19.4152, 0.2645, 0.3541)$

Have a look what the booklet for
Yxy(19.4152, 0.2645, 0.3541)
contains.

Yxy(19.2995, 0.2637, 0.3522)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$Y_{xy}(19.2995, 0.2637, 0.3522)$

Conversions

Conversions Part 1

Format	Color
Hex	498479
RGB	73, 132, 121
RGB Percent	29%, 52%, 47%
CMY	0.7137, 0.4823, 0.5255
CMYK	0.45, 0.00, 0.08, 0.48
HSL	169°, 29%, 40%
HSV	169°, 45%, 52%
XYZ	14.4500, 19.2995, 21.0475
YIQ	113.1050, -31.6330, -15.9290

Conversions

Conversions Part 2

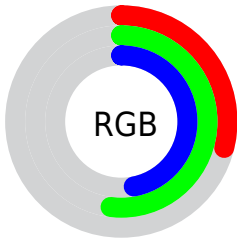
Format	Color
R_{YB}	73, 106, 132
Decimal	4818041
CIE _{Lab}	51.04, -22.09, -0.06
CIE _{LCh}	51, 22.090, 180.160
Yxy	19.2995, 0.2637, 0.3522
Android (android.graphics.Color)	4283008121 (0xFF498479)
YUV	113.1050, 3.8922, -35.1721
Hunter-Lab	43.9312, -18.1669, 2.3459

Details

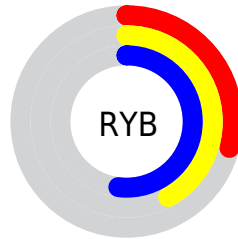
The Yxy color **19.2995, 0.2637, 0.3522** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10.3132, 0.4032, 0.3080**, and the grayscale version is **16.5425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0750, 0.2749, 0.3468**, and **6.6541, 0.2427, 0.3598** is the 20% darker color. If you saturate the color by 10%, you get **18.7784, 0.2558, 0.3583**, and if you desaturate by 10%, it is **19.9331, 0.2730, 0.3464**.

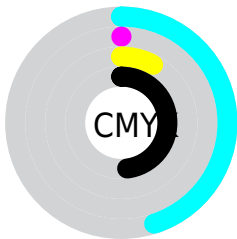
Distribution



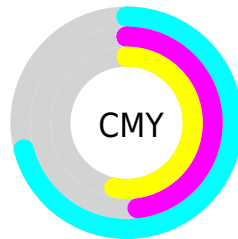
- Red (29%)
- Green (52%)
- Blue (47%)



- Red (29%)
- Yellow (42%)
- Blue (52%)



- Cyan (45%)
- Magenta (0%)
- Yellow (8%)
- Black (48%)




- Cyan (71%)
- Magenta (48%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2995, 0.2637, 0.3522 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 19.2995, 0.2637, 0.3522 by changing the saturation by 10% instead.

 19.2995, 0.2637,
0.3522


 19.2995, 0.2637,
0.3522


248.0972, 0.2917,
0.3390


 11.8869, 0.2552,
0.3562


 42.2396, 0.2749,
0.3469


 6.6667, 0.2433,
0.3618


 58.5358, 0.2787,
0.3451

 3.2545, 0.2252,
0.3704

 78.5621, 0.2819,
0.3436

 1.2660, 0.1901,
0.3869

 102.7027, 0.2845,
0.3424

 0.1147, 0.0000,
0.4703

 131.3422, 0.2867,
0.3413

 0.0000, 0.0000,
0.0000

164.8648, 0.2886,

0.3404

203.6550, 0.2902,
0.3397

■ 19.2995, 0.2637,
0.3522

■ 19.2995, 0.2637,
0.3522

■ 18.7784, 0.2558,
0.3583

■ 19.9331, 0.2730,
0.3464

■ 18.3606, 0.2495,
0.3647

■ 20.6834, 0.2835,
0.3408

■ 18.0389, 0.2450,
0.3712


■ 21.5569, 0.2949,
0.3357

■ 17.8045, 0.2423,
0.3777

■ 22.5592, 0.3069,
0.3311


■ 17.6452, 0.2413,
0.3843

■ 23.6955, 0.3194,
0.3268

 17.5720, 0.2410,
0.3878

 24.9706, 0.3320,
0.3230

 26.3891, 0.3446,
0.3196

 27.9555, 0.3571,
0.3165

 29.6740, 0.3693,
0.3139

Harmonies

Analogous

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



19.2995, 0.2998, 0.3875



19.2995, 0.2637, 0.3522



19.2995, 0.2413, 0.3117

Triad

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



19.2995, 0.2637, 0.3522



19.2995, 0.2810, 0.2641



19.2995, 0.3944, 0.3710

Complementary

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



19.2995, 0.2637, 0.3522



10.3132, 0.4032, 0.3080

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.



19.2995, 0.3896, 0.3383



19.2995, 0.2637, 0.3522



19.2995, 0.3217, 0.2791

Square

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



19.2995, 0.2637, 0.3522



19.2995, 0.2509, 0.2638



19.2995, 0.3623, 0.3056



19.2995, 0.3760, 0.3959

Rectangle

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



19.2995, 0.2637, 0.3522



19.2995, 0.2363, 0.2891



19.2995, 0.3623, 0.3056



19.2995, 0.3956, 0.3606

Sweetspot

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



19.3003, 0.2637, 0.3522



38.2039, 0.2965, 0.3351



18.9069, 0.3188, 0.4572



8.8195, 0.2942, 0.3360



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.



19.3003, 0.2637, 0.3522



33.0344, 0.2554, 0.3587



15.1867, 0.2482, 0.2908



5.2644, 0.3015, 0.3331



17.0142, 0.2410, 0.3877



0.0599, 0.2324, 0.3566

Inverse Universe

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



10.3132, 0.4032, 0.3080



15.0155, 0.4376, 0.3038



12.8197, 0.4092, 0.3634



4.7019, 0.3252, 0.3250



4.8169, 0.6047, 0.3105



0.0175, 0.5133, 0.2602

Previews

White Background



This preview shows how the Yxy color 19.2995, 0.2637, 0.3522 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 19.2995, 0.2637, 0.3522 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 19.2995, 0.2637, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 19.2995, 0.2637, 0.3522.

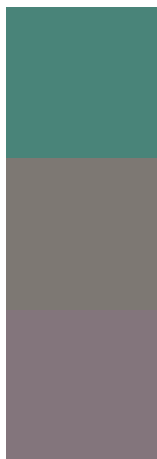


This preview shows how white text looks on a background with the Yxy color 19.2995, 0.2637, 0.3522.

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

19.2995, 0.2637, 0.3522

Protanopia

19.0307, 0.3249, 0.3384

Deuteranopia

19.0031, 0.3222, 0.3163



Tritanopia

19.2137, 0.2511, 0.3068

Trichromacy



Original Color

19.2995, 0.2637, 0.3522

Protanomaly

18.7638, 0.2990, 0.3429

Deuteranomaly

18.6641, 0.2972, 0.3270

Tritanomaly

19.1952, 0.2555, 0.3227

Monochromacy



Original Color

19.2995, 0.2637, 0.3522

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

17.2906, 0.2907, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2995, 0.2637, 0.3522 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(73, 132, 121)` looks like.

```
.text, #text, p{  
  color:rgb(73, 132, 121)  
}
```

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(73, 132, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 132, 121) }
```

Border

The CSS property to change the border of an element to Yxy 19.2995, 0.2637, 0.3522 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(73, 132, 121) }
```

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

```
.border{ border-color:rgb(73, 132, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 132, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 132, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 132, 121);  
box-shadow:4px 4px 4px 4px rgb(73, 132,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2995, 0.2637, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 132, 121) }
```

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

```
.background{ background-color: rgb(73, 132,  
121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor