

Converting Colors

$Y_{xy}(27.0277, 0.2522, 0.3390)$

Have a look what the booklet for
Yxy(27.0277, 0.2522, 0.3390)
contains.

Yxy(27.1904, 0.2525, 0.3398)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.1904, 0.2525, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	4D9B95
RGB	77, 155, 149
RGB Percent	30%, 61%, 58%
CMY	0.6982, 0.3921, 0.4156
CMYK	0.50, 0.00, 0.04, 0.39
HSL	175°, 34%, 45%
HSV	175°, 50%, 61%
XYZ	20.2048, 27.1904, 32.6237
YIQ	130.9940, -44.5620, -18.4020

Conversions

Conversions Part 2

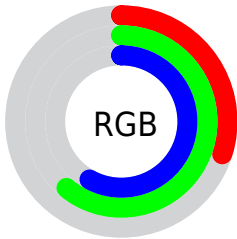
Format	Color
R_{YB}	77, 118, 155
Decimal	5086101
CIE _{Lab}	59.15, -25.52, -4.26
CIE _{LCh}	59, 25.870, 189.480
Yxy	27.1904, 0.2525, 0.3398
Android (android.graphics.Color)	4283276181 (0xFF4D9B95)
YUV	130.9940, 8.8770, -47.3527
Hunter-Lab	52.1444, -22.0881, -0.5932

Details

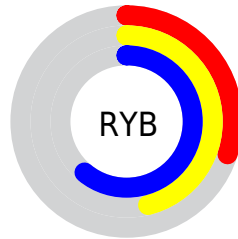
The Yxy color **27.1904, 0.2525, 0.3398** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.8942, 0.4394, 0.3196**, and the grayscale version is **22.6712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3105, 0.2650, 0.3382**, and **10.6605, 0.2317, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **26.5843, 0.2447, 0.3423**, and if you desaturate by 10%, it is **27.9526, 0.2620, 0.3374**.

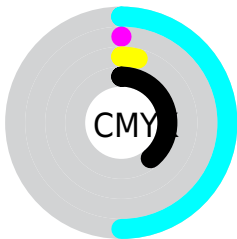
Distribution



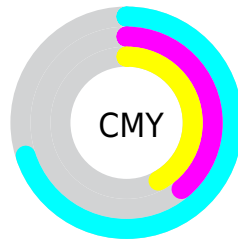
- Red (30%)
- Green (61%)
- Blue (58%)



- Red (30%)
- Yellow (46%)
- Blue (61%)



- Cyan (50%)
- Magenta (0%)
- Yellow (4%)
- Black (39%)





- Cyan (70%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1904, 0.2525, 0.3398 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 27.1904, 0.2525, 0.3398 by changing the saturation by 10% instead.


 27.1904, 0.2525,
0.3398


 27.1904, 0.2525,
0.3398


288.5778, 0.2849,
0.3344


 17.7163, 0.2436,
0.3411


 55.1892, 0.2648,
0.3379


 10.7465, 0.2317,
0.3427


 74.4828, 0.2693,
0.3371


 5.8966, 0.2149,
0.3447

 97.8182, 0.2730,
0.3365

 2.7823, 0.1897,
0.3470

 125.5799, 0.2761,
0.3360

 1.0192, 0.1201,
0.3602

 158.1523, 0.2788,
0.3355

 0.0000, 0.0000,
0.0000

195.9199, 0.2811,

0.3351

239.2669, 0.2831,
0.3347

■ 27.1904, 0.2525,
0.3398

■ 27.1904, 0.2525,
0.3398

■ 26.5843, 0.2447,
0.3423

■ 27.9526, 0.2620,
0.3374

■ 26.1201, 0.2388,
0.3448

■ 28.8777, 0.2729,
0.3351

■ 25.7862, 0.2346,
0.3474

■ 29.9760, 0.2851,
0.3329

■ 25.5678, 0.2323,
0.3499

■ 31.2560, 0.2983,
0.3309

■ 25.4317, 0.2312,
0.3523

■ 32.7255, 0.3122,
0.3291

■ 34.3921, 0.3266,
0.3274

■ 36.2627, 0.3411,
0.3259

■ 38.3441, 0.3557,
0.3246

■ 40.6427, 0.3700,
0.3234

Harmonies

Analogous

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



27.1904, 0.2864, 0.3804



27.1904, 0.2525, 0.3398



27.1904, 0.2349, 0.2991

Triad

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



27.1904, 0.2525, 0.3398



27.1904, 0.2920, 0.2648



27.1904, 0.3945, 0.3820

Complementary

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



27.1904, 0.2525, 0.3398



12.8942, 0.4394, 0.3196

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.



27.1904, 0.3974, 0.3494



27.1904, 0.2525, 0.3398



27.1904, 0.3358, 0.2846

Square

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



27.1904, 0.2525, 0.3398



27.1904, 0.2564, 0.2594



27.1904, 0.3755, 0.3146



27.1904, 0.3687, 0.4037

Rectangle

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



27.1904, 0.2525, 0.3398



27.1904, 0.2337, 0.2784



27.1904, 0.3755, 0.3146



27.1904, 0.3982, 0.3719

Sweetspot

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



27.1915, 0.2525, 0.3398



54.7971, 0.2917, 0.3319



25.8402, 0.3108, 0.4818



12.3026, 0.2891, 0.3323



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



27.1915, 0.2525, 0.3398



47.5277, 0.2442, 0.3425



17.9811, 0.2365, 0.2659



7.0184, 0.2999, 0.3307



20.4272, 0.2312, 0.3521



0.3075, 0.2280, 0.3408

Inverse Universe

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



12.8942, 0.4394, 0.3196



19.0383, 0.4844, 0.3184



18.5436, 0.4207, 0.3828



6.2300, 0.3272, 0.3273



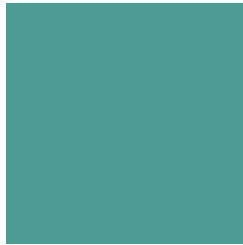
5.6208, 0.6290, 0.3238



0.0858, 0.5795, 0.2966

Previews

White Background



This preview shows how the Yxy color 27.1904, 0.2525, 0.3398 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 27.1904, 0.2525, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

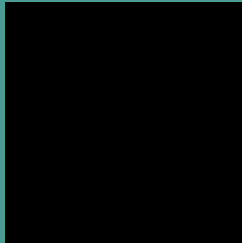
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1904, 0.2525, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 27.1904, 0.2525, 0.3398.

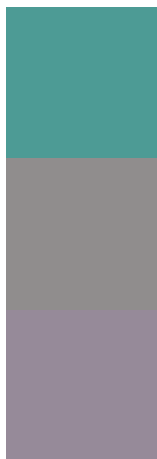


This preview shows how white text looks on a background with the Yxy color 27.1904, 0.2525, 0.3398.

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

27.1904, 0.2525, 0.3398

Protanopia

26.9021, 0.3160, 0.3290

Deuteranopia

26.9609, 0.3106, 0.3054



Tritanopia

27.2929, 0.2443, 0.3078

Trichromacy



Original Color

27.1904, 0.2525, 0.3398

Protanomaly

26.5645, 0.2885, 0.3324

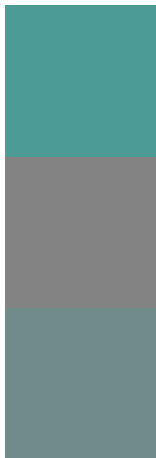
Deuteranomaly

26.4245, 0.2842, 0.3154

Tritanomaly

27.3199, 0.2473, 0.3199

Monochromacy



Original Color

27.1904, 0.2525, 0.3398

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.9707, 0.2847, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1904, 0.2525, 0.3398 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(77, 155, 149)` looks like.

```
.text, #text, p{  
    color:rgb(77, 155, 149)  
}
```

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(77, 155, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 155, 149) }
```

Border

The CSS property to change the border of an element to Yxy 27.1904, 0.2525, 0.3398 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(77, 155, 149) }
```

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

```
.border{ border-color:rgb(77, 155, 149) }
```

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

Here you see how a box with a 4 pixel rgb(77, 155, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 155, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 155, 149);  
box-shadow:4px 4px 4px 4px rgb(77, 155,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1904, 0.2525, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 155, 149) }
```

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

```
.background{ background-color: rgb(77, 155,  
149) }
```

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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