

Converting Colors

$Y_{xy}(28.3239, 0.2656, 0.3503)$

Have a look what the booklet for
Yxy(28.3239, 0.2656, 0.3503)
contains.

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Color

$Y_{xy}(28.3824, 0.2652, 0.3504)$

Conversions

Conversions Part 1

Format	Color
Hex	5B9D91
RGB	91, 157, 145
RGB Percent	36%, 62%, 57%
CMY	0.6432, 0.3843, 0.4313
CMYK	0.42, 0.00, 0.08, 0.38
HSL	169°, 27%, 49%
HSV	169°, 42%, 62%
XYZ	21.4812, 28.3824, 31.1364
YIQ	135.8980, -35.4840, -17.7240

Conversions

Conversions Part 2

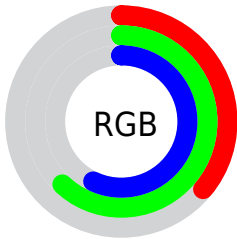
Format	Color
R_{YB}	91, 127, 157
Decimal	6004113
CIE _{Lab}	60.23, -24.03, -0.33
CIE _{LCh}	60, 24.029, 180.785
Yxy	28.3824, 0.2652, 0.3504
Android (android.graphics.Color)	4284194193 (0xFF5B9D91)
YUV	135.8980, 4.4873, -39.3755
Hunter-Lab	53.2751, -21.2581, 2.6408

Details

The Yxy color **28.3824, 0.2652, 0.3504** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.6271, 0.3978, 0.3094**, and the grayscale version is **24.5725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.1398, 0.2746, 0.3460**, and **11.3414, 0.2485, 0.3560** is the 20% darker color. If you saturate the color by 10%, you get **27.5806, 0.2568, 0.3564**, and if you desaturate by 10%, it is **29.3556, 0.2750, 0.3447**.

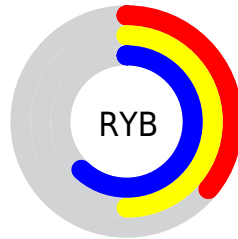
Distribution



Red (36%)

Green (62%)

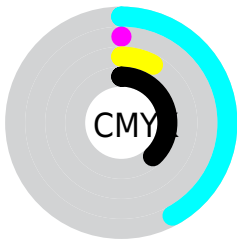
Blue (57%)



Red (36%)

Yellow (50%)

Blue (62%)

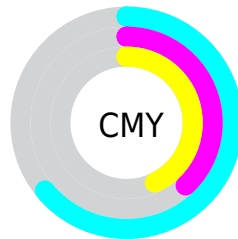


Cyan (42%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (64%)


Magenta (38%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3824, 0.2652, 0.3504 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 28.3824, 0.2652, 0.3504 by changing the saturation by 10% instead.


 28.3824, 0.2652,
0.3504


 28.3824, 0.2652,
0.3504


294.2897, 0.2908,
0.3389

 18.6141, 0.2581,
0.3536


 57.0944, 0.2750,
0.3460


 11.3918, 0.2486,
0.3578


 76.8069, 0.2785,
0.3444

 6.3310, 0.2352,
0.3638


 100.6029, 0.2814,
0.3431

 3.0474, 0.2147,
0.3729

 128.8668, 0.2839,
0.3420

 1.1565, 0.1671,
0.3942

161.9831, 0.2860,
0.3411

 0.0258, 0.0000,
0.3353

200.3360, 0.2878,

 0.0000, 0.0000,

0.3403

0.0000

244.3101, 0.2894,
0.3395

■ 28.3824, 0.2652,
0.3504

■ 28.3824, 0.2652,
0.3504

■ 27.5806, 0.2568,
0.3564

■ 29.3556, 0.2750,
0.3447

■ 26.9362, 0.2501,
0.3627

■ 30.5065, 0.2859,
0.3393

■ 26.4388, 0.2452,
0.3690

■ 31.8449, 0.2977,
0.3344

■ 26.0750, 0.2422,
0.3755


■ 33.3793, 0.3101,
0.3299

■ 25.8290, 0.2409,
0.3819


■ 35.1173, 0.3229,
0.3258

 25.6866, 0.2408,
0.3870

 37.0664, 0.3358,
0.3221

 39.2335, 0.3487,
0.3189

 41.6253, 0.3614,
0.3160

 44.2482, 0.3738,
0.3135

Harmonies

Analogous

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



28.3824, 0.2997, 0.3843



28.3824, 0.2652, 0.3504



28.3824, 0.2440, 0.3119

Triad

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



28.3824, 0.2652, 0.3504



28.3824, 0.2832, 0.2668



28.3824, 0.3908, 0.3701

Complementary

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



28.3824, 0.2652, 0.3504



15.6271, 0.3978, 0.3094

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.



28.3824, 0.3866, 0.3388



28.3824, 0.2652, 0.3504



28.3824, 0.3222, 0.2816

Square

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



28.3824, 0.2652, 0.3504



28.3824, 0.2539, 0.2663



28.3824, 0.3608, 0.3072



28.3824, 0.3728, 0.3934

Rectangle

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



28.3824, 0.2652, 0.3504



28.3824, 0.2394, 0.2903



28.3824, 0.3608, 0.3072



28.3824, 0.3920, 0.3601

Sweetspot

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



28.3835, 0.2652, 0.3504



56.7212, 0.2962, 0.3350



27.7595, 0.3177, 0.4512



12.3675, 0.2938, 0.3360



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.



28.3835, 0.2652, 0.3504



49.5329, 0.2577, 0.3557



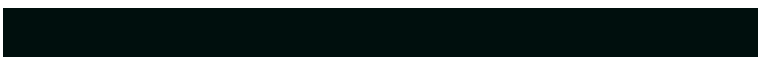
22.2939, 0.2505, 0.2907



7.4888, 0.3011, 0.3331



20.8657, 0.2407, 0.3865



0.3780, 0.2336, 0.3609

Inverse Universe

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



15.6271, 0.3978, 0.3094



23.7093, 0.4265, 0.3057



19.4880, 0.4027, 0.3637



6.6649, 0.3257, 0.3250



5.8962, 0.6079, 0.3123



0.1102, 0.5207, 0.2642

Previews

White Background



This preview shows how the Yxy color 28.3824, 0.2652, 0.3504 looks on a white background.

Color Contrast Check

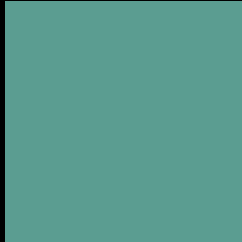
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3824, 0.2652, 0.3504 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 28.3824, 0.2652, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 28.3824, 0.2652, 0.3504.

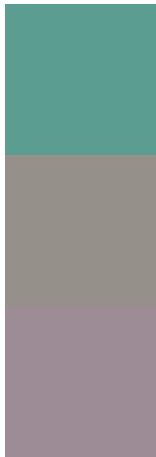


This preview shows how white text looks on a background with the Yxy color 28.3824, 0.2652, 0.3504.

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

28.3824, 0.2652, 0.3504

Protanopia

28.1711, 0.3240, 0.3386

Deuteranopia

28.0942, 0.3220, 0.3152



Tritanopia

28.4058, 0.2537, 0.3084

Trichromacy



Original Color

28.3824, 0.2652, 0.3504

Protanomaly

28.0072, 0.2991, 0.3425

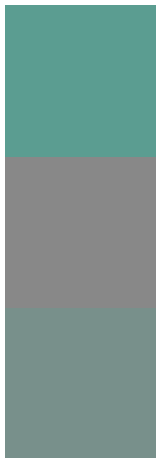
Deuteranomaly

27.6824, 0.2976, 0.3257

Tritanomaly

28.3442, 0.2582, 0.3236

Monochromacy



Original Color

28.3824, 0.2652, 0.3504

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.8037, 0.2929, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3824, 0.2652, 0.3504 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(91, 157, 145)` looks like.

```
.text, #text, p{  
    color:rgb(91, 157, 145)  
}
```

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(91, 157, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 157, 145) }
```

Border

The CSS property to change the border of an element to Yxy 28.3824, 0.2652, 0.3504 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(91, 157, 145) }
```

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

```
.border{ border-color:rgb(91, 157, 145) }
```

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

Here you see how a box with a 4 pixel rgb(91, 157, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 157, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 157, 145);  
box-shadow:4px 4px 4px 4px rgb(91, 157,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3824, 0.2652, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 157, 145) }
```

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

```
.background{ background-color: rgb(91, 157,  
145) }
```

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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