

Converting Colors

$Yxy(27.4108, 0.2353, 0.3599)$

Have a look what the booklet for
Yxy(27.4108, 0.2353, 0.3599)
contains.

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Color

Yxy(27.2744, 0.2352, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	11A090
RGB	17, 160, 144
RGB Percent	7%, 63%, 56%
CMY	0.9341, 0.3725, 0.4352
CMYK	0.90, 0.00, 0.10, 0.37
HSL	173°, 81%, 35%
HSV	173°, 90%, 63%
XYZ	17.8341, 27.2744, 30.7169
YIQ	115.4190, -80.0920, -35.2920

Conversions

Conversions Part 2

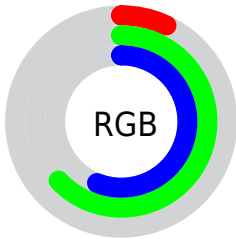
Format	Color
RYB	17, 93, 160
Decimal	1155216
CIELab	59.23, -38.01, -1.47
CIElCh	59, 38.037, 182.212
Yxy	27.2744, 0.2352, 0.3597
Android (android.graphics.Color)	4279345296 (0xFF11A090)
YUV	115.4190, 14.0904, -86.3135
Hunter-Lab	52.2249, -30.4381, 1.6851

Details

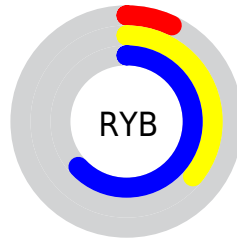
The Yxy color **27.2744, 0.2352, 0.3597** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7.9774, 0.5959, 0.3176**, and the grayscale version is **17.2349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1110, 0.2508, 0.3526**, and **11.5333, 0.2356, 0.3680** is the 20% darker color. If you saturate the color by 10%, you get **27.1091, 0.2344, 0.3635**, and if you desaturate by 10%, it is **27.5332, 0.2374, 0.3559**.

Distribution



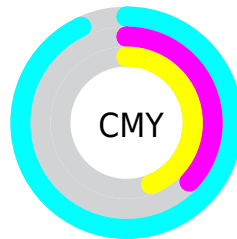
- Red (7%)
- Green (63%)
- Blue (56%)



- Red (7%)
- Yellow (36%)
- Blue (63%)



- Cyan (90%)
- Magenta (0%)
- Yellow (10%)
- Black (37%)





- Cyan (93%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2744, 0.2352, 0.3597 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 27.2744, 0.2352, 0.3597 by changing the saturation by 10% instead.


 27.2744, 0.2352,
0.3597


 27.2744, 0.2352,
0.3597


288.9833, 0.2769,
0.3434


 17.7794, 0.2238,
0.3641


 55.3239, 0.2511,
0.3536

 10.7917, 0.2086,
0.3698


 74.6472, 0.2568,
0.3513


 5.9270, 0.1873,
0.3777

 98.0153, 0.2616,
0.3494

 2.8007, 0.1558,
0.3891

 125.8128, 0.2656,
0.3479

 1.0286, 0.0187,
0.4455

 158.4239, 0.2690,
0.3465

 0.0000, 0.0000,
0.0000

 196.2331, 0.2720,

0.3453

239.6248, 0.2746,
0.3443

■ 27.2744, 0.2352,
0.3597

■ 27.2744, 0.2352,
0.3597

■ 27.1091, 0.2344,
0.3635

■ 27.5332, 0.2374,
0.3559

■ 27.1013, 0.2344,
0.3637

■ 27.9171, 0.2414,
0.3521

■ 28.4429, 0.2473,
0.3483

■ 29.1240, 0.2550,
0.3446

■ 29.9725, 0.2643,
0.3411

■ 30.9990, 0.2751,
0.3377

■ 32.2134, 0.2870,
0.3345

■ 33.6248, 0.2999,
0.3316

■ 35.2417, 0.3134,
0.3289

Harmonies

Analogous

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



27.2744, 0.2869, 0.4193



27.2744, 0.2352, 0.3597



27.2744, 0.2056, 0.2960

Triad

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



27.2744, 0.2352, 0.3597



27.2744, 0.2678, 0.2349



27.2744, 0.4360, 0.3910

Complementary

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



27.2744, 0.2352, 0.3597



7.9774, 0.5959, 0.3176

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.



27.2744, 0.4329, 0.3429



27.2744, 0.2352, 0.3597



27.2744, 0.3296, 0.2579

Square

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



27.2744, 0.2352, 0.3597



27.2744, 0.2232, 0.2316



27.2744, 0.3924, 0.2961



27.2744, 0.4037, 0.4306

Rectangle

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



27.2744, 0.2352, 0.3597



27.2744, 0.2002, 0.2635



27.2744, 0.3924, 0.2961



27.2744, 0.4393, 0.3753

Sweetspot

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



27.2754, 0.2352, 0.3597



56.6898, 0.2774, 0.3370



25.5155, 0.3056, 0.5855



12.2908, 0.2737, 0.3381



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



27.2754, 0.2352, 0.3597



49.1848, 0.2346, 0.3644



12.7809, 0.1955, 0.2147



7.4967, 0.3002, 0.3315



21.1135, 0.2343, 0.3633



0.3808, 0.2301, 0.3482

Inverse Universe

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



7.9774, 0.5959, 0.3176



13.6332, 0.6278, 0.3232



12.1092, 0.5455, 0.3910



6.6576, 0.3267, 0.3265



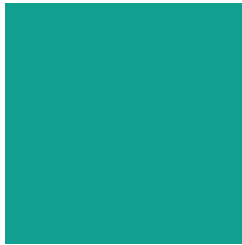
5.8590, 0.6234, 0.3208



0.1078, 0.5592, 0.2854

Previews

White Background



This preview shows how the Yxy color 27.2744, 0.2352, 0.3597 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 27.2744, 0.2352, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

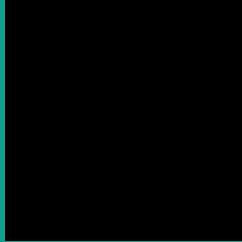
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2744, 0.2352, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 27.2744, 0.2352, 0.3597.

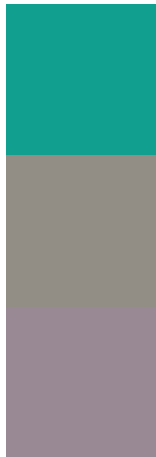


This preview shows how white text looks on a background with the Yxy color 27.2744, 0.2352, 0.3597.

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

27.2744, 0.2352, 0.3597

Protanopia

26.8542, 0.3263, 0.3421

Deuteranopia

26.7366, 0.3169, 0.3101



Tritanopia

27.1551, 0.2254, 0.3054

Trichromacy



Original Color

27.2744, 0.2352, 0.3597



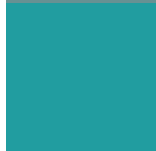
Protanomaly

25.6386, 0.2758, 0.3491



Deuteranomaly

25.2409, 0.2704, 0.3253



Tritanomaly

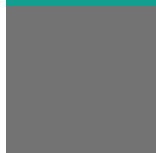
26.9753, 0.2280, 0.3232

Monochromacy



Original Color

27.2744, 0.2352, 0.3597



Achromatopsia

17.1441, 0.3127, 0.3290



Achromatomaly

19.4012, 0.2641, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2744, 0.2352, 0.3597 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(17, 160, 144)` looks like.

```
.text, #text, p{  
    color:rgb(17, 160, 144)  
}
```

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(17, 160, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 160, 144) }
```

Border

The CSS property to change the border of an element to Yxy 27.2744, 0.2352, 0.3597 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(17, 160, 144) }
```

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

```
.border{ border-color:rgb(17, 160, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 160, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 160, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 160, 144);  
box-shadow:4px 4px 4px 4px rgb(17, 160,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2744, 0.2352, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 160, 144) }
```

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

```
.background{ background-color: rgb(17, 160,  
144) }
```

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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