

Converting Colors

$Yxy(18.1488, 0.2501, 0.3495)$

Have a look what the booklet for
Yxy(18.1488, 0.2501, 0.3495)
contains.

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Color

Yxy(18.1580, 0.2498, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	378279
RGB	55, 130, 121
RGB Percent	22%, 51%, 47%
CMY	0.7844, 0.4902, 0.5255
CMYK	0.58, 0.00, 0.07, 0.49
HSL	173°, 41%, 36%
HSV	173°, 58%, 51%
XYZ	13.0079, 18.1580, 20.9075
YIQ	106.5490, -41.8110, -18.6990

Conversions

Conversions Part 2

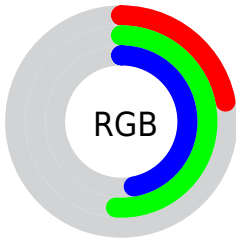
Format	Color
RYB	55, 95, 130
Decimal	3637881
CIELab	49.69, -25.47, -2.13
CIElCh	50, 25.556, 184.780
Yxy	18.1580, 0.2498, 0.3487
Android (android.graphics.Color)	4281827961 (0xFF378279)
YUV	106.5490, 7.1243, -45.2085
Hunter-Lab	42.6122, -20.0819, 0.7382




Details

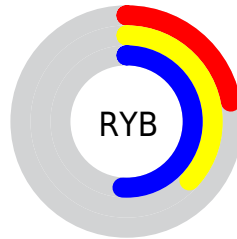
The Yxy color **18.1580, 0.2498, 0.3487** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **7.8459, 0.4581, 0.3126**, and the grayscale version is **14.5587, 0.3127, 0.3290**.




A 20% lighter version of the original color is **40.1353, 0.2641, 0.3443**, and **6.2184, 0.2316, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **17.8009, 0.2436, 0.3527**, and if you desaturate by 10%, it is **18.6138, 0.2577, 0.3448**.

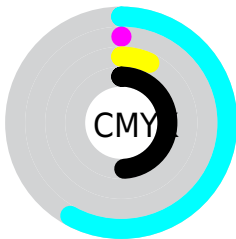
Distribution







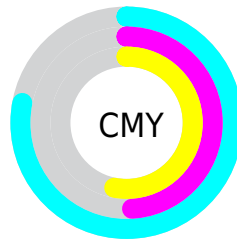
-  Red (22%)
-  Green (51%)
-  Blue (47%)






-  Red (22%)
-  Yellow (37%)
-  Blue (51%)



-  Cyan (58%)
-  Magenta (0%)
-  Yellow (7%)
-  Black (49%)



-  Cyan (78%)
-  Magenta (49%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.1580, 0.2498, 0.3487 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 18.1580, 0.2498, 0.3487 by changing the saturation by 10% instead.

■ 18.1580, 0.2498,
0.3487

■ 18.1580, 0.2498,
0.3487

■ 241.7601, 0.2858,
0.3377

■ 11.0635, 0.2389,
0.3519

■ 40.3064, 0.2642,
0.3444

■ 6.1096, 0.2235,
0.3563

■ 56.1290, 0.2692,
0.3429

■ 2.9118, 0.2002,
0.3626

■ 75.6298, 0.2732,
0.3416

■ 1.0859, 0.1398,
0.3817

■ 99.1932, 0.2766,
0.3406

■ 0.0000, 0.0000,
0.0000

■ 127.2035, 0.2794,
0.3397

■ 160.0452, 0.2819,

0.3389

198.1026, 0.2840,
0.3383

■ 18.1580, 0.2498,
0.3487

■ 18.1580, 0.2498,
0.3487

■ 17.8009, 0.2436,
0.3527

■ 18.6138, 0.2577,
0.3448

■ 17.5327, 0.2391,
0.3567

■ 19.1732, 0.2672,
0.3411

■ 17.3451, 0.2364,
0.3607

■ 19.8432, 0.2780,
0.3376

■ 17.2182, 0.2352,
0.3648

■ 20.6296, 0.2899,
0.3342

■ 17.1909, 0.2349,
0.3657

■ 21.5378, 0.3025,
0.3312

■ 22.5728, 0.3158,
0.3284

■ 23.7394, 0.3293,
0.3259

■ 25.0422, 0.3430,
0.3236

■ 26.4854, 0.3566,
0.3216

Harmonies

Analogous

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



18.1580, 0.2898, 0.3937



18.1580, 0.2498, 0.3487



18.1580, 0.2272, 0.3012

Triad

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



18.1580, 0.2498, 0.3487



18.1580, 0.2820, 0.2552



18.1580, 0.4073, 0.3827

Complementary

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



18.1580, 0.2498, 0.3487



7.8459, 0.4581, 0.3126

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.



18.1580, 0.4064, 0.3451



18.1580, 0.2498, 0.3487



18.1580, 0.3307, 0.2750

Square

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



18.1580, 0.2498, 0.3487



18.1580, 0.2447, 0.2517



18.1580, 0.3776, 0.3068



18.1580, 0.3814, 0.4105

Rectangle

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



18.1580, 0.2498, 0.3487



18.1580, 0.2238, 0.2764



18.1580, 0.3776, 0.3068



18.1580, 0.4103, 0.3707

Sweetspot

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



18.1587, 0.2498, 0.3487



36.3763, 0.2903, 0.3341



17.3654, 0.3135, 0.5018



8.1798, 0.2883, 0.3347



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



18.1587, 0.2498, 0.3487



31.1959, 0.2421, 0.3538



12.0232, 0.2296, 0.2653



4.8783, 0.3008, 0.3316



16.4824, 0.2349, 0.3656



0.0000, 0.0000, 0.0000

Inverse Universe

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



7.8459, 0.4581, 0.3126



11.2239, 0.5117, 0.3116



11.1297, 0.4442, 0.3817



4.3520, 0.3261, 0.3264



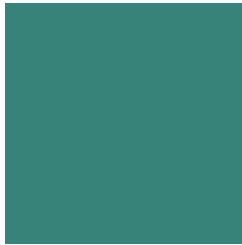
4.5859, 0.6200, 0.3189



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 18.1580, 0.2498, 0.3487 looks on a white 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

Black Background



This preview shows how the Yxy color 18.1580, 0.2498, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

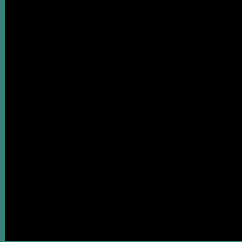
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1580, 0.2498, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 18.1580, 0.2498, 0.3487.



This preview shows how white text looks on a background with the Yxy color 18.1580, 0.2498, 0.3487.

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

18.1580, 0.2498, 0.3487

Protanopia

17.9306, 0.3201, 0.3348

Deuteranopia

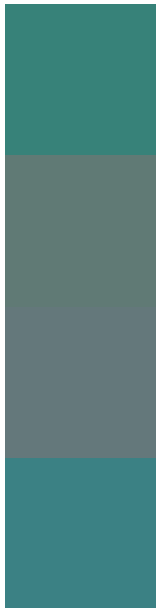
17.9255, 0.3162, 0.3104



Tritanopia

18.2654, 0.2399, 0.3079

Trichromacy



Original Color

18.1580, 0.2498, 0.3487

Protanomaly

17.6902, 0.2876, 0.3393

Deuteranomaly

17.5723, 0.2856, 0.3228

Tritanomaly

18.2963, 0.2435, 0.3224

Monochromacy



Original Color

18.1580, 0.2498, 0.3487

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

15.5060, 0.2830, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1580, 0.2498, 0.3487 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(55, 130, 121)` looks like.

```
.text, #text, p{  
    color:rgb(55, 130, 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(55, 130, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 130, 121) }
```

Border

The CSS property to change the border of an element to Yxy 18.1580, 0.2498, 0.3487 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(55, 130, 121) }
```

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

```
.border{ border-color:rgb(55, 130, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 130, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 130, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 130, 121);  
box-shadow:4px 4px 4px 4px rgb(55, 130,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1580, 0.2498, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 130, 121) }
```

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

```
.background{ background-color: rgb(55, 130,  
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](#).

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