

Converting Colors

$Y_{xy}(14.8592, 0.2675, 0.3275)$

Have a look what the booklet for
Yxy(14.8592, 0.2675, 0.3275)
contains.

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Color

Yxy(14.8502, 0.2677, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	4D7273
RGB	77, 114, 115
RGB Percent	30%, 45%, 45%
CMY	0.6981, 0.5529, 0.5490
CMYK	0.33, 0.01, 0.00, 0.55
HSL	182°, 20%, 38%
HSV	182°, 33%, 45%
XYZ	12.1721, 14.8502, 18.4468
YIQ	103.0510, -22.3730, -7.5330

Conversions

Conversions Part 2

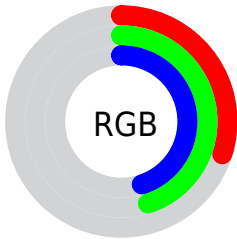
Format	Color
RYB	77, 96, 115
Decimal	5075571
CIELab	45.43, -12.75, -4.76
CIELCh	45, 13.609, 200.454
Yxy	14.8502, 0.2677, 0.3266
Android (android.graphics.Color)	4283265651 (0xFF4D7273)
YUV	103.0510, 5.8909, -22.8467
Hunter-Lab	38.5360, -11.0564, -1.4064

Details

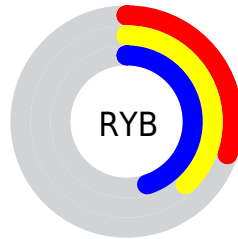
The Yxy color **14.8502, 0.2677, 0.3266** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.6293, 0.3832, 0.3314**, and the grayscale version is **13.5662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6517, 0.2788, 0.3273**, and **4.5629, 0.2470, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **14.3455, 0.2564, 0.3258**, and if you desaturate by 10%, it is **15.4409, 0.2803, 0.3274**.

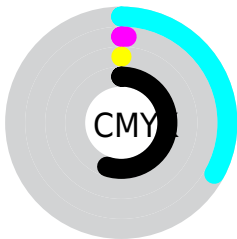
Distribution



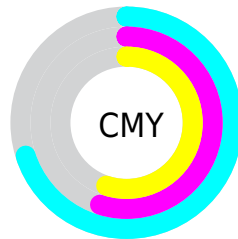
- Red (30%)
- Green (45%)
- Blue (45%)



- Red (30%)
- Yellow (38%)
- Blue (45%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (55%)




- Cyan (70%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.8502, 0.2677, 0.3266 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 14.8502, 0.2677, 0.3266 by changing the saturation by 10% instead.


 14.8502, 0.2677,
0.3266


 14.8502, 0.2677,
0.3266

222.4577, 0.2942,
0.3284


 8.7143, 0.2592,
0.3258


 34.5902, 0.2785,
0.3275


 4.5553, 0.2469,
0.3244

 48.9631, 0.2822,
0.3277


 1.9888, 0.2273,
0.3218

 66.8504, 0.2852,
0.3279

 0.6010, 0.1407,
0.3252

 88.6366, 0.2876,
0.3280

 0.0000, 0.0000,
0.0000

 114.7060, 0.2896,
0.3281

145.4431, 0.2914,

0.3282

181.2322, 0.2929,
0.3283

■ 14.8502, 0.2677,
0.3266

■ 14.8502, 0.2677,
0.3266

■ 14.3455, 0.2564,
0.3258

■ 15.4409, 0.2803,
0.3274

■ 13.9206, 0.2466,
0.3250

■ 16.1199, 0.2938,
0.3281

■ 13.5712, 0.2385,
0.3241

■ 16.8918, 0.3082,
0.3288

■ 13.2920, 0.2320,
0.3233

■ 17.7601, 0.3231,
0.3294

■ 13.0767, 0.2273,
0.3224

■ 18.7283, 0.3383,
0.3300

■ 12.9175, 0.2243,
0.3216

■ 19.7997, 0.3535,
0.3305

■ 12.8193, 0.2225,
0.3210

■ 20.9773, 0.3686,
0.3310

■ 22.2642, 0.3833,
0.3314

■ 23.6632, 0.3977,
0.3318

Harmonies

Analogous

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



14.8502, 0.2869, 0.3529



14.8502, 0.2677, 0.3266



14.8502, 0.2602, 0.3025

Triad

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



14.8502, 0.2677, 0.3266



14.8502, 0.3099, 0.2901



14.8502, 0.3611, 0.3704

Complementary

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



14.8502, 0.2677, 0.3266



9.6293, 0.3832, 0.3314

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.



14.8502, 0.3682, 0.3517



14.8502, 0.2677, 0.3266



14.8502, 0.3379, 0.3065

Square

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



14.8502, 0.2677, 0.3266



14.8502, 0.2837, 0.2830



14.8502, 0.3597, 0.3286



14.8502, 0.3408, 0.3786

Rectangle

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



14.8502, 0.2677, 0.3266



14.8502, 0.2626, 0.2910



14.8502, 0.3597, 0.3286



14.8502, 0.3651, 0.3650

Sweetspot

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



14.8508, 0.2677, 0.3266



29.2305, 0.2978, 0.3283



14.3855, 0.3077, 0.4194



6.9378, 0.2962, 0.3282



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.8508, 0.2677, 0.3266



25.8541, 0.2586, 0.3260



11.0659, 0.2625, 0.2826



4.1395, 0.2995, 0.3284



14.6479, 0.2225, 0.3210



71.1730, 0.2224, 0.3205

Inverse Universe

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



10.1668, 0.3179, 0.2533



16.0502, 0.3193, 0.2356



12.6629, 0.3709, 0.3712



3.7563, 0.3141, 0.3086



5.5027, 0.3274, 0.1577



26.7943, 0.3278, 0.1579

Previews

White Background



This preview shows how the Yxy color 14.8502, 0.2677, 0.3266 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 14.8502, 0.2677, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

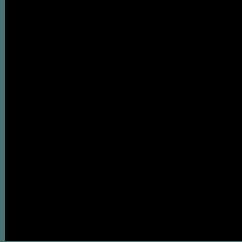
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8502, 0.2677, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 14.8502, 0.2677, 0.3266.



This preview shows how white text looks on a background with the Yxy color 14.8502, 0.2677, 0.3266.

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

14.8502, 0.2677, 0.3266

Protanopia

14.8512, 0.3090, 0.3207

Deuteranopia

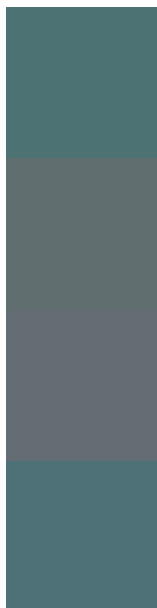
14.6957, 0.3084, 0.3027



Tritanopia

14.8777, 0.2626, 0.3091

Trichromacy



Original Color

14.8502, 0.2677, 0.3266

Protanomaly

14.8631, 0.2933, 0.3246

Deuteranomaly

14.6954, 0.2924, 0.3120

Tritanomaly

14.7619, 0.2645, 0.3155

Monochromacy



Original Color

14.8502, 0.2677, 0.3266

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.9566, 0.2953, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8502, 0.2677, 0.3266 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, 114, 115)` looks like.

```
.text, #text, p{  
    color:rgb(77, 114, 115)  
}
```

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, 114, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 114, 115) }
```

Border

The CSS property to change the border of an element to Yxy 14.8502, 0.2677, 0.3266 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, 114, 115) }
```

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

```
.border{ border-color:rgb(77, 114, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 114, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 114, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 114, 115);  
box-shadow:4px 4px 4px 4px rgb(77, 114,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8502, 0.2677, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 114, 115) }
```

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

```
.background{ background-color: rgb(77, 114,  
115) }
```

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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