

Converting Colors

$Y_{xy}(17.4719, 0.2730, 0.3234)$

Have a look what the booklet for
Yxy(17.4719, 0.2730, 0.3234)
contains.

Yxy(17.4982, 0.2731, 0.3247)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.4982, 0.2731, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	597A7C
RGB	89, 122, 124
RGB Percent	35%, 48%, 49%
CMY	0.6510, 0.5216, 0.5137
CMYK	0.28, 0.02, 0.00, 0.51
HSL	183°, 16%, 42%
HSV	183°, 28%, 49%
XYZ	14.7175, 17.4982, 21.6747
YIQ	112.3610, -20.3100, -6.3740

Conversions

Conversions Part 2

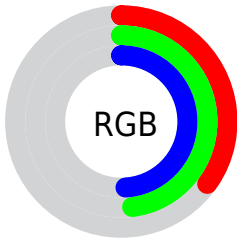
Format	Color
R _Y B	89, 106, 124
Decimal	5864060
CIE Lab	48.88, -11.17, -4.91
CIE LCh	49, 12.201, 203.744
Yxy	17.4982, 0.2731, 0.3247
Android (android.graphics.Color)	4284054140 (0xFF597A7C)
YUV	112.3610, 5.7380, -20.4876
Hunter-Lab	41.8308, -10.4019, -1.4396

Details

The Yxy color **17.4982, 0.2731, 0.3247** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.4899, 0.3698, 0.3333**, and the grayscale version is **16.3022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9821, 0.2825, 0.3260**, and **5.7445, 0.2561, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **16.7621, 0.2609, 0.3230**, and if you desaturate by 10%, it is **18.3404, 0.2864, 0.3263**.

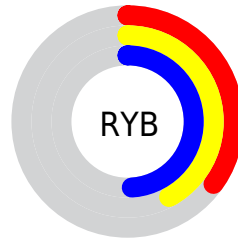
Distribution



Red (35%)

Green (48%)

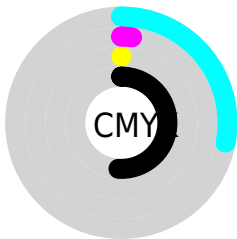
Blue (49%)



Red (35%)

Yellow (42%)

Blue (49%)

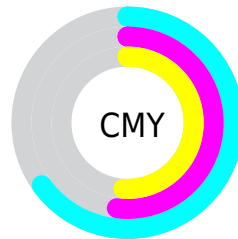


Cyan (28%)

Magenta (2%)

Yellow (0%)

Black (51%)



Cyan (65%)

Magenta (52%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.4982, 0.2731, 0.3247 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 17.4982, 0.2731, 0.3247 by changing the saturation by 10% instead.

■ 17.4982, 0.2731,
0.3247

■ 17.4982, 0.2731,
0.3247

■ 238.0272, 0.2959,
0.3275

■ 10.5903, 0.2661,
0.3237

■ 39.1804, 0.2823,
0.3259

■ 5.7921, 0.2561,
0.3221

■ 54.7235, 0.2854,
0.3263

■ 2.7191, 0.2407,
0.3193

■ 73.9138, 0.2880,
0.3266

■ 0.9869, 0.2110,
0.3147

■ 97.1357, 0.2901,
0.3269

■ 0.0000, 0.0000,
0.0000

■ 124.7736, 0.2919,
0.3271

157.2119, 0.2934,

0.3272

194.8350, 0.2948,
0.3274

■ 17.4982, 0.2731,
0.3247

■ 17.4982, 0.2731,
0.3247

■ 16.7621, 0.2609,
0.3230

■ 18.3404, 0.2864,
0.3263

■ 16.1247, 0.2500,
0.3212

■ 19.2913, 0.3006,
0.3278

■ 15.5812, 0.2407,
0.3194

■ 20.3562, 0.3153,
0.3292

■ 15.1253, 0.2331,
0.3175

■ 21.5394, 0.3304,
0.3305

■ 14.7501, 0.2273,
0.3156

■ 22.8448, 0.3456,
0.3317

■ 14.4476, 0.2232,
0.3138

■ 24.2764, 0.3607,
0.3327

■ 14.1970, 0.2204,
0.3119

■ 25.8377, 0.3755,
0.3336

■ 14.1537, 0.2199,
0.3116

■ 27.5324, 0.3900,
0.3344

■ 29.3637, 0.4039,
0.3351

Harmonies

Analogous

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



17.4982, 0.2887, 0.3469



17.4982, 0.2731, 0.3247



17.4982, 0.2678, 0.3048

Triad

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



17.4982, 0.2731, 0.3247



17.4982, 0.3131, 0.2969



17.4982, 0.3524, 0.3655

Complementary

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



17.4982, 0.2731, 0.3247



12.4899, 0.3698, 0.3333

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.



17.4982, 0.3597, 0.3506



17.4982, 0.2731, 0.3247



17.4982, 0.3366, 0.3118

Square

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



17.4982, 0.2731, 0.3247



17.4982, 0.2903, 0.2899



17.4982, 0.3539, 0.3311



17.4982, 0.3344, 0.3710

Rectangle

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



17.4982, 0.2731, 0.3247



17.4982, 0.2707, 0.2955



17.4982, 0.3539, 0.3311



17.4982, 0.3562, 0.3614

Sweetspot

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



17.4989, 0.2731, 0.3247



33.9492, 0.3007, 0.3278



17.2930, 0.3073, 0.4023



7.9413, 0.2988, 0.3277



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



17.4989, 0.2731, 0.3247



29.9154, 0.2649, 0.3236



13.6317, 0.2694, 0.2873



4.4749, 0.2994, 0.3277



14.3841, 0.2199, 0.3116



68.1826, 0.2196, 0.3107

Inverse Universe

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



12.8348, 0.3187, 0.2657



20.3067, 0.3203, 0.2510



15.7860, 0.3609, 0.3674



4.0737, 0.3145, 0.3091



5.6589, 0.3353, 0.1621



26.9503, 0.3361, 0.1625

Previews

White Background



This preview shows how the Yxy color 17.4982, 0.2731, 0.3247 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 17.4982, 0.2731, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

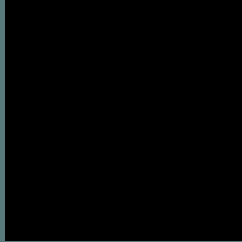
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.4982, 0.2731, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 17.4982, 0.2731, 0.3247.



This preview shows how white text looks on a background with the Yxy color 17.4982, 0.2731, 0.3247.

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

17.4982, 0.2731, 0.3247

Protanopia

17.3994, 0.3093, 0.3193

Deuteranopia

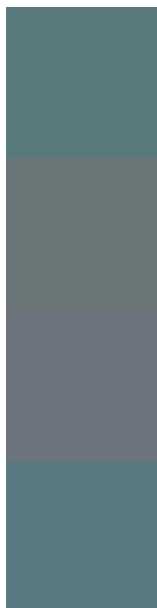
17.4542, 0.3087, 0.3045



Tritanopia

17.4871, 0.2673, 0.3085

Trichromacy



Original Color

17.4982, 0.2731, 0.3247

Protanomaly

17.4631, 0.2958, 0.3230

Deuteranomaly

17.2864, 0.2949, 0.3112

Tritanomaly

17.4069, 0.2701, 0.3145

Monochromacy



Original Color

17.4982, 0.2731, 0.3247

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

16.6948, 0.2977, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4982, 0.2731, 0.3247 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(89, 122, 124) looks like.

```
.text, #text, p{  
    color:rgb(89, 122, 124)  
}
```

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(89, 122, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 122, 124) }
```

Border

The CSS property to change the border of an element to Yxy 17.4982, 0.2731, 0.3247 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(89, 122, 124) }
```

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

```
.border{ border-color:rgb(89, 122, 124) }
```

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

Here you see how a box with a 4 pixel rgb(89, 122, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 122, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 122, 124);  
box-shadow:4px 4px 4px 4px rgb(89, 122,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4982, 0.2731, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 122, 124) }
```

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

```
.background{ background-color: rgb(89, 122,  
124) }
```

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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