

Converting Colors

$Y_{xy}(14.7275, 0.2482, 0.2473)$

Have a look what the booklet for
Yxy(14.7275, 0.2482, 0.2473)
contains.

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Color

Yxy(14.6198, 0.2477, 0.2461)

Conversions

Conversions Part 1

Format	Color
Hex	5A6A94
RGB	90, 106, 148
RGB Percent	35%, 42%, 58%
CMY	0.6472, 0.5843, 0.4195
CMYK	0.39, 0.28, 0.00, 0.42
HSL	223°, 24%, 47%
HSV	223°, 39%, 58%
XYZ	14.7148, 14.6198, 30.0713
YIQ	106.0040, -23.0180, 9.6700

Conversions

Conversions Part 2

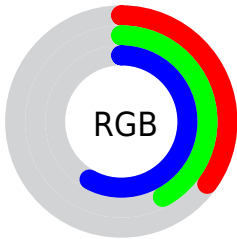
Format	Color
R _Y B	90, 103, 148
Decimal	5925524
CIE Lab	45.11, 5.08, -24.88
CIE LCh	45, 25.397, 281.532
Yxy	14.6198, 0.2477, 0.2461
Android (android.graphics.Color)	4284115604 (0xFF5A6A94)
YUV	106.0040, 20.7040, -14.0355
Hunter-Lab	38.2358, 1.7820, -19.8646

Details

The Yxy color **14.6198, 0.2477, 0.2461** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.5345, 0.3789, 0.3997**, and the grayscale version is **14.3603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1290, 0.2632, 0.2652**, and **4.4421, 0.2193, 0.2119** is the 20% darker color. If you saturate the color by 10%, you get **11.8787, 0.2296, 0.2203**, and if you desaturate by 10%, it is **17.7857, 0.2656, 0.2703**.

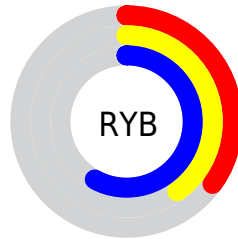
Distribution



Red (35%)

Green (42%)

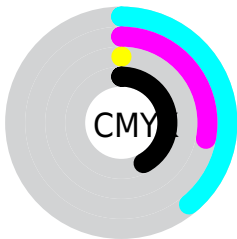
Blue (58%)



Red (35%)

Yellow (40%)

Blue (58%)

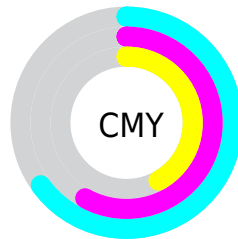


Cyan (39%)

Magenta (28%)

Yellow (0%)

Black (42%)



Cyan (65%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.6198, 0.2477, 0.2461 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 14.6198, 0.2477, 0.2461 by changing the saturation by 10% instead.

■ 14.6198, 0.2477,
0.2461

■ 14.6198, 0.2477,
0.2461

■ 221.0533, 0.2858,
0.2937

■ 8.5530, 0.2359,
0.2318

■ 34.1848, 0.2631,
0.2651

■ 4.4508, 0.2192,
0.2119

■ 48.4518, 0.2684,
0.2717

■ 1.9288, 0.1939,
0.1825

■ 66.2209, 0.2727,
0.2771

■ 0.5656, 0.1518,
0.1298

■ 87.8767, 0.2762,
0.2816

■ 0.0000, 0.0000,
0.0000

■ 113.8034, 0.2792,
0.2853

■ 144.3855, 0.2817,

0.2885

180.0073, 0.2839,
0.2913

■ 14.6198, 0.2477,
0.2461

■ 14.6198, 0.2477,
0.2461

■ 11.8787, 0.2296,
0.2203

■ 17.7857, 0.2656,
0.2703

■ 9.5418, 0.2119,
0.1935

■ 21.3925, 0.2828,
0.2925

■ 7.5892, 0.1955,
0.1668

■ 25.4574, 0.2989,
0.3125

■ 5.9982, 0.1811,
0.1412

■ 29.9961, 0.3138,
0.3303

■ 4.7438, 0.1696,
0.1182

■ 35.0236, 0.3275,
0.3460

■ 3.7827, 0.1610,
0.0985

■ 40.5542, 0.3400,
0.3598

■ 3.7166, 0.1603,
0.0971

■ 46.6017, 0.3512,
0.3719

■ 53.1792, 0.3614,
0.3824

■ 60.2994, 0.3705,
0.3915

Harmonies

Analogous

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



14.6198, 0.2229, 0.2574



14.6198, 0.2477, 0.2461



14.6198, 0.2908, 0.2541

Triad

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



14.6198, 0.2477, 0.2461



14.6198, 0.4158, 0.3550



14.6198, 0.2773, 0.3890

Complementary

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



14.6198, 0.2477, 0.2461



23.5345, 0.3789, 0.3997

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.



14.6198, 0.3277, 0.4204



14.6198, 0.2477, 0.2461



14.6198, 0.4096, 0.3937

Square

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



14.6198, 0.2477, 0.2461



14.6198, 0.3912, 0.3140



14.6198, 0.3764, 0.4199



14.6198, 0.2384, 0.3379

Rectangle

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



14.6198, 0.2477, 0.2461



14.6198, 0.3259, 0.2687



14.6198, 0.3764, 0.4199



14.6198, 0.2934, 0.4026

Sweetspot

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



14.6204, 0.2477, 0.2461



42.6500, 0.2941, 0.3067



25.0126, 0.2727, 0.3601



9.5449, 0.2923, 0.3044



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



14.6204, 0.2477, 0.2461



21.5306, 0.2319, 0.2237



12.3036, 0.2575, 0.2178



5.8783, 0.2989, 0.3125



3.2147, 0.1606, 0.0982



0.0835, 0.1822, 0.1760

Inverse Universe

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



14.6463, 0.3800, 0.3013



21.9980, 0.4030, 0.2954



27.1115, 0.3553, 0.4281



5.8402, 0.3242, 0.3229



5.5179, 0.5786, 0.2961



0.0720, 0.4733, 0.2381

Previews

White Background



This preview shows how the Yxy color 14.6198, 0.2477, 0.2461 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 14.6198, 0.2477, 0.2461 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

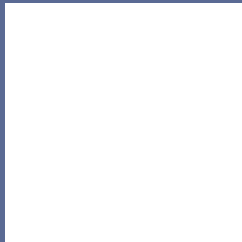
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.6198, 0.2477, 0.2461

Background



This preview shows how black text looks on a background with the Yxy color 14.6198, 0.2477, 0.2461.

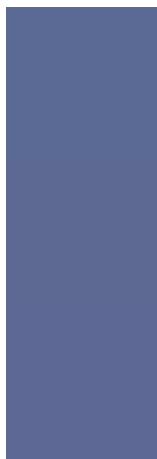


This preview shows how white text looks on a background with the Yxy color 14.6198, 0.2477, 0.2461.

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

14.6198, 0.2477, 0.2461

Protanopia

14.5894, 0.2525, 0.2466

Deuteranopia

14.5684, 0.2505, 0.2448



Tritanopia

14.5639, 0.2683, 0.3091

Trichromacy



Original Color

14.6198, 0.2477, 0.2461

Protanomaly

14.5369, 0.2514, 0.2464

Deuteranomaly

14.5166, 0.2495, 0.2445

Tritanomaly

14.5274, 0.2611, 0.2844

Monochromacy



Original Color

14.6198, 0.2477, 0.2461

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.3979, 0.2864, 0.2975

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6198, 0.2477, 0.2461 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(90, 106, 148) looks like.

```
.text, #text, p{  
    color:rgb(90, 106, 148)  
}
```

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(90, 106, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 106, 148) }
```

Border

The CSS property to change the border of an element to Yxy 14.6198, 0.2477, 0.2461 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(90, 106, 148) }
```

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

```
.border{ border-color:rgb(90, 106, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 106, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 106, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 106, 148);  
box-shadow:4px 4px 4px 4px rgb(90, 106,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6198, 0.2477, 0.2461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 106, 148) }
```

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

```
.background{ background-color: rgb(90, 106,  
148) }
```

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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