

Converting Colors

$Yxy(26.6334, 0.2346, 0.2909)$

Have a look what the booklet for
Yxy(26.6334, 0.2346, 0.2909)
contains.

Yxy(26.6462, 0.2346, 0.2906)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(26.6462, 0.2346, 0.2906)$

Conversions

Conversions Part 1

Format	Color
Hex	4B97AD
RGB	75, 151, 173
RGB Percent	29%, 59%, 68%
CMY	0.7058, 0.4078, 0.3216
CMYK	0.57, 0.13, 0.00, 0.32
HSL	193°, 39%, 49%
HSV	193°, 57%, 68%
XYZ	21.5114, 26.6462, 43.5362
YIQ	130.7840, -52.3580, -9.2700

Conversions

Conversions Part 2

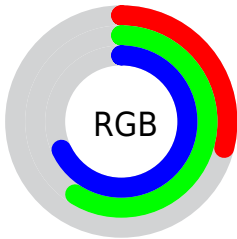
Format	Color
R _Y B	75, 118, 173
Decimal	4954029
CIE Lab	58.65, -17.04, -18.64
CIE LCh	59, 25.259, 227.568
Yxy	26.6462, 0.2346, 0.2906
Android (android.graphics.Color)	4283144109 (0xFF4B97AD)
YUV	130.7840, 20.8125, -48.9226
Hunter-Lab	51.6200, -15.9494, -13.8711

Details

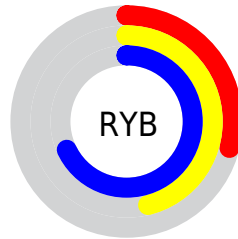
The Yxy color **26.6462, 0.2346, 0.2906** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.9430, 0.4588, 0.3614**, and the grayscale version is **22.5572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1696, 0.2506, 0.2993**, and **10.4948, 0.2097, 0.2748** is the 20% darker color. If you saturate the color by 10%, you get **24.8125, 0.2246, 0.2826**, and if you desaturate by 10%, it is **28.7127, 0.2462, 0.2984**.

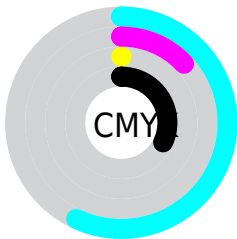
Distribution



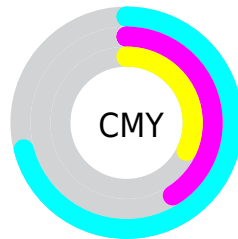
- Red (29%)
- Green (59%)
- Blue (68%)



- Red (29%)
- Yellow (46%)
- Blue (68%)



- Cyan (57%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)



- Cyan (71%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6462, 0.2346, 0.2906 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 26.6462, 0.2346, 0.2906 by changing the saturation by 10% instead.

■ 26.6462, 0.2346,
0.2906

■ 26.6462, 0.2346,
0.2906

■ 285.9400, 0.2760,
0.3124

■ 17.3077, 0.2236,
0.2842

■ 54.3156, 0.2502,
0.2992

■ 10.4541, 0.2090,
0.2755

■ 73.4153, 0.2559,
0.3022

■ 5.7011, 0.1890,
0.2627

■ 96.5375, 0.2606,
0.3047

■ 2.6642, 0.1604,
0.2427

■ 124.0666, 0.2647,
0.3067

■ 0.9590, 0.1082,
0.2102

■ 156.3870, 0.2681,
0.3085

■ 0.0000, 0.0000,
0.0000

193.8831, 0.2711,

0.3099

236.9393, 0.2737,
0.3112

■ 26.6462, 0.2346,
0.2906

■ 26.6462, 0.2346,
0.2906

■ 24.8125, 0.2246,
0.2826

■ 28.7127, 0.2462,
0.2984

■ 23.1924, 0.2164,
0.2744

■ 31.0234, 0.2591,
0.3058

■ 21.7683, 0.2101,
0.2662

■ 33.5924, 0.2730,
0.3128

■ 20.5142, 0.2056,
0.2581

■ 36.4317, 0.2877,
0.3194

■ 20.1115, 0.2043,
0.2553

■ 39.5524, 0.3027,
0.3253

■ 42.9651, 0.3178,
0.3308

■ 46.6796, 0.3329,
0.3357

■ 50.7055, 0.3476,
0.3400

■ 55.0515, 0.3620,
0.3439

Harmonies

Analogous

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



26.6462, 0.2470, 0.3282



26.6462, 0.2346, 0.2906



26.6462, 0.2411, 0.2670

Triad

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



26.6462, 0.2346, 0.2906



26.6462, 0.3470, 0.2925



26.6462, 0.3582, 0.4050

Complementary

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



26.6462, 0.2346, 0.2906



17.9430, 0.4588, 0.3614

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.



26.6462, 0.3882, 0.3884



26.6462, 0.2346, 0.2906



26.6462, 0.3824, 0.3240

Square

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



26.6462, 0.2346, 0.2906



26.6462, 0.3036, 0.2698



26.6462, 0.3976, 0.3584



26.6462, 0.3171, 0.3991

Rectangle

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



26.6462, 0.2346, 0.2906



26.6462, 0.2555, 0.2607



26.6462, 0.3976, 0.3584



26.6462, 0.3700, 0.4016

Sweetspot

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



26.6472, 0.2346, 0.2906



64.9033, 0.2867, 0.3189



32.2275, 0.2915, 0.4705



13.8855, 0.2838, 0.3177



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



26.6472, 0.2346, 0.2906



43.6676, 0.2223, 0.2805



14.1714, 0.2154, 0.1999



8.7626, 0.2986, 0.3238



14.8658, 0.2045, 0.2562



0.4878, 0.2113, 0.2807

Inverse Universe

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



16.1533, 0.3492, 0.2227



24.2457, 0.3601, 0.2055



29.7124, 0.4138, 0.4290



8.1168, 0.3170, 0.3116



7.8038, 0.3861, 0.1901



0.2246, 0.3628, 0.1772

Previews

White Background



This preview shows how the Yxy color 26.6462, 0.2346, 0.2906 looks on a white background.

Color Contrast Check

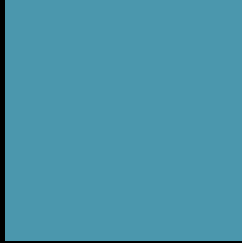
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6462, 0.2346, 0.2906 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 26.6462, 0.2346, 0.2906

Background



This preview shows how black text looks on a background with the Yxy color 26.6462, 0.2346, 0.2906.



This preview shows how white text looks on a background with the Yxy color 26.6462, 0.2346, 0.2906.

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

26.6462, 0.2346, 0.2906

Protanopia

26.3327, 0.2838, 0.2873

Deuteranopia

26.5458, 0.2752, 0.2698



Tritanopia

26.5508, 0.2382, 0.3056

Trichromacy



Original Color

26.6462, 0.2346, 0.2906

Protanomaly

25.9828, 0.2619, 0.2871

Deuteranomaly

26.3175, 0.2574, 0.2766

Tritanomaly

26.7001, 0.2369, 0.3006

Monochromacy



Original Color

26.6462, 0.2346, 0.2906

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.6318, 0.2773, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6462, 0.2346, 0.2906 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(75, 151, 173)` looks like.

```
.text, #text, p{  
    color:rgb(75, 151, 173)  
}
```

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(75, 151, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 151, 173) }
```

Border

The CSS property to change the border of an element to Yxy 26.6462, 0.2346, 0.2906 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(75, 151, 173) }
```

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

```
.border{ border-color:rgb(75, 151, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 151, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 151, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 151, 173);  
box-shadow:4px 4px 4px 4px rgb(75, 151,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6462, 0.2346, 0.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 151, 173) }
```

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

```
.background{ background-color: rgb(75, 151,  
173) }
```

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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