

Converting Colors

$Y_{xy}(26.6708, 0.2888, 0.3911)$

Have a look what the booklet for
Yxy(26.6708, 0.2888, 0.3911)
contains.

Yxy(26.6799, 0.2887, 0.3908)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Yxy(26.6799, 0.2887, 0.3908)$

Conversions

Conversions Part 1

Format	Color
Hex	619978
RGB	97, 153, 120
RGB Percent	38%, 60%, 47%
CMY	0.6197, 0.4000, 0.5294
CMYK	0.37, 0.00, 0.22, 0.40
HSL	145°, 22%, 49%
HSV	145°, 37%, 60%
XYZ	19.7095, 26.6799, 21.8805
YIQ	132.4940, -22.7830, -22.1350

Conversions

Conversions Part 2

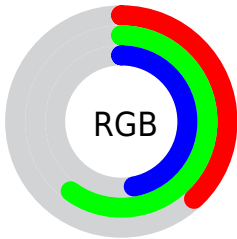
Format	Color
R_{YB}	97, 137, 153
Decimal	6396280
CIE _{Lab}	58.68, -25.93, 11.61
CIE _{LCh}	59, 28.413, 155.890
Yxy	26.6799, 0.2887, 0.3908
Android (android.graphics.Color)	4284586360 (0xFF619978)
YUV	132.4940, -6.1595, -31.1282
Hunter-Lab	51.6526, -22.2802, 11.0410

Details

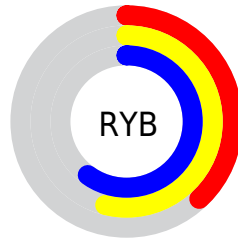
The Yxy color **26.6799, 0.2887, 0.3908** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.9300, 0.3479, 0.2747**, and the grayscale version is **23.2901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5743, 0.2947, 0.3777**, and **10.5620, 0.2796, 0.4183** is the 20% darker color. If you saturate the color by 10%, you get **25.7115, 0.2835, 0.4115**, and if you desaturate by 10%, it is **27.8332, 0.2947, 0.3717**.

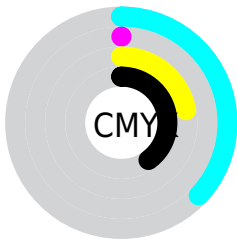
Distribution



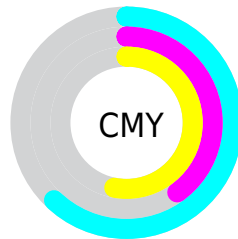
- Red (38%)
- Green (60%)
- Blue (47%)



- Red (38%)
- Yellow (54%)
- Blue (60%)



- Cyan (37%)
- Magenta (0%)
- Yellow (22%)
- Black (40%)





- Cyan (62%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6799, 0.2887, 0.3908 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 26.6799, 0.2887, 0.3908 by changing the saturation by 10% instead.


 26.6799, 0.2887,
0.3908


 26.6799, 0.2887,
0.3908


286.1039, 0.3024,
0.3558


 17.3330, 0.2845,
0.4013


 54.3698, 0.2942,
0.3769


 10.4722, 0.2787,
0.4160


 73.4815, 0.2961,
0.3721

 5.7131, 0.2698,
0.4380

 96.6170, 0.2976,
0.3681

 2.6714, 0.2547,
0.4747

 124.1605, 0.2989,
0.3648

 0.9627, 0.1895,
0.6518

156.4966, 0.3000,
0.3620

 0.0000, 0.0000,
0.0000

194.0096, 0.3009,

0.3596

237.0839, 0.3017,
0.3576

■ 26.6799, 0.2887,
0.3908

■ 26.6799, 0.2887,
0.3908

■ 25.7115, 0.2835,
0.4115

■ 27.8332, 0.2947,
0.3717

■ 24.9149, 0.2793,
0.4333

■ 29.1772, 0.3013,
0.3542

■ 24.2801, 0.2766,
0.4558


■ 30.7216, 0.3081,
0.3385


■ 23.7949, 0.2756,
0.4783


■ 32.4744, 0.3151,
0.3244

■ 23.4455, 0.2763,
0.5000


■ 34.4432, 0.3219,
0.3120


 23.2104, 0.2788,
0.5202

 36.6350, 0.3286,
0.3011

 23.1420, 0.2797,
0.5268

 39.0568, 0.3350,
0.2916

 41.7151, 0.3411,
0.2832

 44.6162, 0.3470,
0.2759

Harmonies

Analogous

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



26.6799, 0.3358, 0.4143



26.6799, 0.2887, 0.3908



26.6799, 0.2500, 0.3465

Triad

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



26.6799, 0.2887, 0.3908



26.6799, 0.2471, 0.2531



26.6799, 0.4049, 0.3463

Complementary

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



26.6799, 0.2887, 0.3908



16.9300, 0.3479, 0.2747

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.



26.6799, 0.3776, 0.3086



26.6799, 0.2887, 0.3908



26.6799, 0.2843, 0.2571

Square

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



26.6799, 0.2887, 0.3908



26.6799, 0.2277, 0.2674



26.6799, 0.3322, 0.2770



26.6799, 0.4048, 0.3829

Rectangle

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



26.6799, 0.2887, 0.3908



26.6799, 0.2335, 0.3148



26.6799, 0.3322, 0.2770



26.6799, 0.3986, 0.3335

Sweetspot

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



26.6810, 0.2887, 0.3908



53.6961, 0.3050, 0.3455



28.4404, 0.3416, 0.4253



11.7823, 0.3041, 0.3474



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.6810, 0.2887, 0.3908



46.3228, 0.2843, 0.4077



27.4442, 0.2669, 0.3389



6.9656, 0.3063, 0.3424



19.1311, 0.2793, 0.5254



0.2930, 0.2566, 0.4436

Inverse Universe

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



16.9300, 0.3479, 0.2747



26.2234, 0.3590, 0.2626



16.2896, 0.3894, 0.3197



6.2807, 0.3196, 0.3160



6.2159, 0.4548, 0.2279



0.1001, 0.3854, 0.1897

Previews

White Background



This preview shows how the Yxy color 26.6799, 0.2887, 0.3908 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 26.6799, 0.2887, 0.3908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

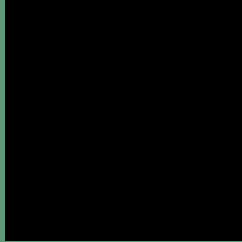
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6799, 0.2887, 0.3908

Background



This preview shows how black text looks on a background with the Yxy color 26.6799, 0.2887, 0.3908.



This preview shows how white text looks on a background with the Yxy color 26.6799, 0.2887, 0.3908.

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

26.6799, 0.2887, 0.3908

Protanopia

26.3606, 0.3501, 0.3720

Deuteranopia

26.2568, 0.3536, 0.3465



Tritanopia

26.7820, 0.2633, 0.3083

Trichromacy



Original Color

26.6799, 0.2887, 0.3908

Protanomaly

26.2576, 0.3252, 0.3797

Deuteranomaly

26.0944, 0.3264, 0.3615

Tritanomaly

26.7406, 0.2730, 0.3378

Monochromacy



Original Color

26.6799, 0.2887, 0.3908

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.2366, 0.3021, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6799, 0.2887, 0.3908 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(97, 153, 120)` looks like.

```
.text, #text, p{  
    color:rgb(97, 153, 120)  
}
```

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(97, 153, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 153, 120) }
```

Border

The CSS property to change the border of an element to Yxy 26.6799, 0.2887, 0.3908 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(97, 153, 120) }
```

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

```
.border{ border-color:rgb(97, 153, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 153, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 153, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 153, 120);  
box-shadow:4px 4px 4px 4px rgb(97, 153,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6799, 0.2887, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 153, 120) }
```

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

```
.background{ background-color: rgb(97, 153,  
120) }
```

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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