

Converting Colors

$Yxy(28.0924, 0.2721, 0.2888)$

Have a look what the booklet for
Yxy(28.0924, 0.2721, 0.2888)
contains.

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Color

Yxy(28.0101, 0.2722, 0.2890)

Conversions

Conversions Part 1

Format	Color
Hex	7F92AB
RGB	127, 146, 171
RGB Percent	50%, 57%, 67%
CMY	0.5019, 0.4274, 0.3295
CMYK	0.26, 0.15, 0.00, 0.33
HSL	214°, 21%, 58%
HSV	214°, 26%, 67%
XYZ	26.3818, 28.0101, 42.5288
YIQ	143.1690, -19.3490, 3.7470

Conversions

Conversions Part 2

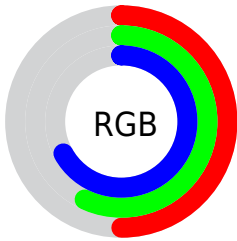
Format	Color
R _Y B	127, 140, 171
Decimal	8360619
CIE Lab	59.90, -0.99, -15.34
CIE LCh	60, 15.370, 266.308
Yxy	28.0101, 0.2722, 0.2890
Android (android.graphics.Color)	4286550699 (0xFF7F92AB)
YUV	143.1690, 13.7207, -14.1802
Hunter-Lab	52.9246, -3.6393, -10.5967

Details

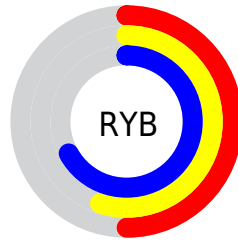
The Yxy color $28.0101, 0.2722, 0.2890$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $32.6408, 0.3570, 0.3659$, and the grayscale version is $27.4906, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.5028, 0.2804, 0.2978$, and $11.2754, 0.2584, 0.2755$ is the 20% darker color. If you saturate the color by 10%, you get $23.9391, 0.2555, 0.2705$, and if you desaturate by 10%, it is $32.5606, 0.2885, 0.3059$.

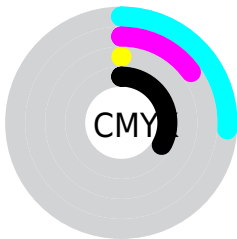
Distribution



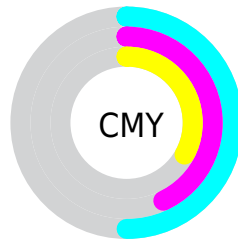
- Red (50%)
- Green (57%)
- Blue (67%)



- Red (50%)
- Yellow (55%)
- Blue (67%)



- Cyan (26%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)



- Cyan (50%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.0101, 0.2722, 0.2890 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 28.0101, 0.2722, 0.2890 by changing the saturation by 10% instead.

■ 28.0101, 0.2722,
0.2890

■ 28.0101, 0.2722,
0.2890

■ 292.5152, 0.2939,
0.3106

■ 18.3333, 0.2663,
0.2831

■ 56.5006, 0.2805,
0.2972

■ 11.1895, 0.2583,
0.2751

■ 76.0830, 0.2835,
0.3002

■ 6.1945, 0.2471,
0.2639

■ 99.7361, 0.2860,
0.3027

■ 2.9637, 0.2303,
0.2470

■ 127.8442, 0.2881,
0.3047

■ 1.1128, 0.2027,
0.2190

■ 160.7918, 0.2898,
0.3065

■ 0.0000, 0.0000,
0.0000

198.9632, 0.2914,

0.3080

242.7429, 0.2928,
0.3094

■ 28.0101, 0.2722,
0.2890

■ 28.0101, 0.2722,
0.2890

■ 23.9391, 0.2555,
0.2705

■ 32.5606, 0.2885,
0.3059

■ 20.3266, 0.2389,
0.2506

■ 37.6038, 0.3041,
0.3211

■ 17.1551, 0.2228,
0.2295

■ 43.1564, 0.3190,
0.3346

■ 14.4042, 0.2077,
0.2077

■ 49.2333, 0.3329,
0.3466

■ 12.0518, 0.1943,
0.1859

■ 55.8488, 0.3458,
0.3572

■ 10.0727, 0.1832,
0.1647

■ 63.0165, 0.3577,
0.3664

■ 8.4366, 0.1746,
0.1449

■ 70.7497, 0.3687,
0.3745

■ 7.8150, 0.1714,
0.1368

■ 77.3539, 0.3721,
0.3829

■ 82.7161, 0.3690,
0.3921

Harmonies

Analogous

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



28.0101, 0.2646, 0.3014



28.0101, 0.2722, 0.2890



28.0101, 0.2904, 0.2872

Triad

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



28.0101, 0.2722, 0.2890



28.0101, 0.3582, 0.3330



28.0101, 0.3086, 0.3659

Complementary

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



28.0101, 0.2722, 0.2890



32.6408, 0.3570, 0.3659

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.



28.0101, 0.3339, 0.3742



28.0101, 0.2722, 0.2890



28.0101, 0.3633, 0.3538

Square

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



28.0101, 0.2722, 0.2890



28.0101, 0.3403, 0.3121



28.0101, 0.3542, 0.3692



28.0101, 0.2850, 0.3463

Rectangle

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



28.0101, 0.2722, 0.2890



28.0101, 0.3066, 0.2918



28.0101, 0.3542, 0.3692



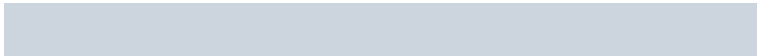
28.0101, 0.3172, 0.3702

Sweetspot

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



28.0112, 0.2722, 0.2890



65.0882, 0.3004, 0.3175



35.8929, 0.2899, 0.3591



14.2120, 0.2981, 0.3153



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.



28.0112, 0.2722, 0.2890



45.8210, 0.2625, 0.2784



22.8655, 0.2723, 0.2579



8.3048, 0.2986, 0.3158



5.9943, 0.1719, 0.1386



0.2768, 0.1888, 0.1997

Inverse Universe

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



25.9144, 0.3433, 0.3009



41.7231, 0.3526, 0.2942



38.9768, 0.3479, 0.3925



8.0706, 0.3221, 0.3192



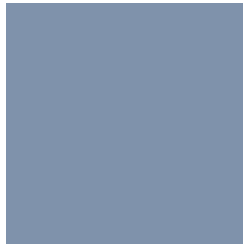
6.9082, 0.5209, 0.2643



0.2033, 0.4456, 0.2228

Previews

White Background



This preview shows how the Yxy color 28.0101, 0.2722, 0.2890 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 28.0101, 0.2722, 0.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

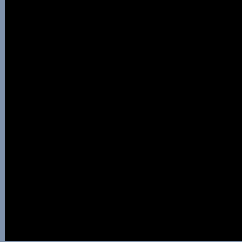
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

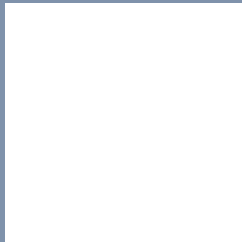
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.0101, 0.2722, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 28.0101, 0.2722, 0.2890.



This preview shows how white text looks on a background with the Yxy color 28.0101, 0.2722, 0.2890.

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

28.0101, 0.2722, 0.2890

Protanopia

27.9985, 0.2845, 0.2883

Deuteranopia

27.9576, 0.2866, 0.2814



Tritanopia

28.0778, 0.2796, 0.3092

Trichromacy



Original Color

28.0101, 0.2722, 0.2890

Protanomaly

27.9997, 0.2800, 0.2880

Deuteranomaly

28.0268, 0.2810, 0.2838

Tritanomaly

27.9834, 0.2771, 0.3013

Monochromacy



Original Color

28.0101, 0.2722, 0.2890

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.5648, 0.2970, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0101, 0.2722, 0.2890 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(127, 146, 171)` looks like.

```
.text, #text, p{  
    color:rgb(127, 146, 171)  
}
```

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(127, 146, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 146, 171) }
```

Border

The CSS property to change the border of an element to Yxy 28.0101, 0.2722, 0.2890 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(127, 146, 171) }
```

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

```
.border{ border-color:rgb(127, 146, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 146, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 146, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 146, 171); box-shadow:4px 4px 4px 4px rgb(127, 146, 171) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 28.0101, 0.2722, 0.2890$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 146, 171) }
```

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

```
.background{ background-color: rgb(127,  
146, 171) }
```

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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