

Converting Colors

$Yxy(30.0467, 0.2721, 0.3651)$

Have a look what the booklet for
Yxy(30.0467, 0.2721, 0.3651)
contains.

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Color

Yxy(30.1966, 0.2721, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	5FA28D
RGB	95, 162, 141
RGB Percent	37%, 64%, 55%
CMY	0.6276, 0.3647, 0.4471
CMYK	0.41, 0.00, 0.13, 0.36
HSL	161°, 27%, 50%
HSV	161°, 41%, 64%
XYZ	22.4433, 30.1966, 29.8419
YIQ	139.5730, -33.1910, -20.7350

Conversions

Conversions Part 2

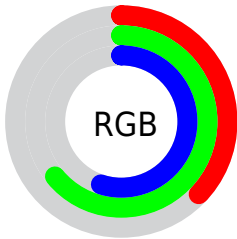
Format	Color
RYB	95, 135, 162
Decimal	6267533
CIELab	61.82, -26.40, 4.27
CIELCh	62, 26.745, 170.823
Yxy	30.1966, 0.2721, 0.3661
Android (android.graphics.Color)	4284457613 (0xFF5FA28D)
YUV	139.5730, 0.7035, -39.0905
Hunter-Lab	54.9514, -23.2619, 6.2680

Details

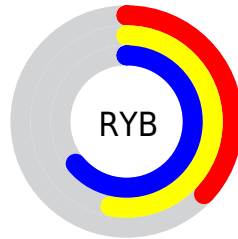
The Yxy color **30.1966, 0.2721, 0.3661** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.1193, 0.3823, 0.2956**, and the grayscale version is **26.0547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8617, 0.2799, 0.3575**, and **12.3994, 0.2577, 0.3796** is the 20% darker color. If you saturate the color by 10%, you get **29.2713, 0.2648, 0.3769**, and if you desaturate by 10%, it is **31.3116, 0.2807, 0.3559**.

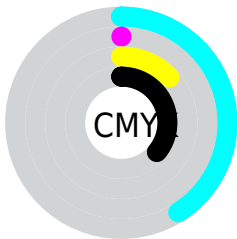
Distribution



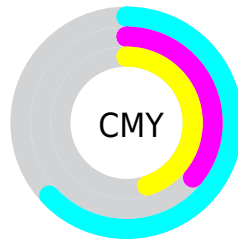
- Red (37%)
- Green (64%)
- Blue (55%)



- Red (37%)
- Yellow (53%)
- Blue (64%)



- Cyan (41%)
- Magenta (0%)
- Yellow (13%)
- Black (36%)





- Cyan (63%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.1966, 0.2721, 0.3661 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 30.1966, 0.2721, 0.3661 by changing the saturation by 10% instead.


 30.1966, 0.2721,
0.3661


 30.1966, 0.2721,
0.3661


302.8198, 0.2940,
0.3458


 19.9879, 0.2660,
0.3718


 59.9730, 0.2805,
0.3583


 12.3862, 0.2579,
0.3796


 80.3094, 0.2835,
0.3555

 7.0073, 0.2463,
0.3909


 104.7904, 0.2860,
0.3532

 3.4667, 0.2285,
0.4084

 133.8006, 0.2881,
0.3512

 1.3799, 0.1924,
0.4429

167.7242, 0.2899,
0.3496

 0.2019, 0.0000,
1.0000

206.9457, 0.2915,

 0.0000, 0.0000,

0.3482

0.0000

251.8494, 0.2928,
0.3469

■ 30.1966, 0.2721,
0.3661

■ 30.1966, 0.2721,
0.3661

■ 29.2713, 0.2648,
0.3769

■ 31.3116, 0.2807,
0.3559

■ 28.5208, 0.2590,
0.3882

■ 32.6232, 0.2902,
0.3465

■ 27.9336, 0.2550,
0.3999

■ 34.1421, 0.3005,
0.3379


■ 27.4954, 0.2529,
0.4117


■ 35.8773, 0.3112,
0.3300


■ 27.1891, 0.2528,
0.4234

■ 37.8372, 0.3221,
0.3230

 26.9972, 0.2537,
0.4334

 40.0299, 0.3331,
0.3167

 42.4630, 0.3439,
0.3112

 45.1436, 0.3544,
0.3063

 48.0787, 0.3647,
0.3020

Harmonies

Analogous

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



30.1966, 0.3125, 0.3981



30.1966, 0.2721, 0.3661



30.1966, 0.2438, 0.3236

Triad

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



30.1966, 0.2721, 0.3661



30.1966, 0.2684, 0.2596



30.1966, 0.3991, 0.3624

Complementary

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



30.1966, 0.2721, 0.3661



17.1193, 0.3823, 0.2956

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.



30.1966, 0.3863, 0.3276



30.1966, 0.2721, 0.3661



30.1966, 0.3082, 0.2709

Square

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



30.1966, 0.2721, 0.3661



30.1966, 0.2419, 0.2645



30.1966, 0.3520, 0.2951



30.1966, 0.3869, 0.3919

Rectangle

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



30.1966, 0.2721, 0.3661



30.1966, 0.2346, 0.2975



30.1966, 0.3520, 0.2951



30.1966, 0.3977, 0.3510

Sweetspot

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



30.1978, 0.2721, 0.3661



61.7276, 0.2996, 0.3386



30.3958, 0.3261, 0.4462



13.7843, 0.2983, 0.3396



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



30.1978, 0.2721, 0.3661



53.1993, 0.2651, 0.3764



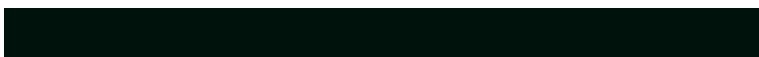
26.7621, 0.2539, 0.3074



7.9733, 0.3027, 0.3361



21.2740, 0.2535, 0.4324



0.4549, 0.2417, 0.3902

Inverse Universe

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



17.1193, 0.3823, 0.2956



26.0810, 0.4074, 0.2884



19.0753, 0.4071, 0.3490



7.1208, 0.3238, 0.3220



6.2454, 0.5667, 0.2896



0.1394, 0.4703, 0.2364

Previews

White Background



This preview shows how the Yxy color 30.1966, 0.2721, 0.3661 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.1966, 0.2721, 0.3661 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 ✓ Pass

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

Yxy 30.1966, 0.2721, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 30.1966, 0.2721, 0.3661.

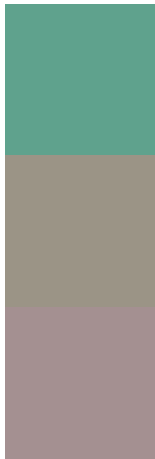


This preview shows how white text looks on a background with the Yxy color 30.1966, 0.2721, 0.3661.

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

30.1966, 0.2721, 0.3661

Protanopia

29.8696, 0.3338, 0.3510

Deuteranopia

29.8834, 0.3332, 0.3276



Tritanopia

30.2188, 0.2549, 0.3074

Trichromacy



Original Color

30.1966, 0.2721, 0.3661

Protanomaly

29.5752, 0.3075, 0.3555

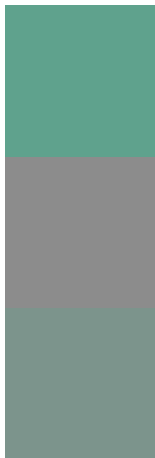
Deuteranomaly

29.6358, 0.3072, 0.3403

Tritanomaly

29.9870, 0.2606, 0.3271

Monochromacy



Original Color

30.1966, 0.2721, 0.3661

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.3583, 0.2960, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1966, 0.2721, 0.3661 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(95, 162, 141)` looks like.

```
.text, #text, p{  
  color:rgb(95, 162, 141)  
}
```

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(95, 162, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 162, 141) }
```

Border

The CSS property to change the border of an element to Yxy 30.1966, 0.2721, 0.3661 is called "border". The border property can be set on classes, ids or directly on the HTML element.

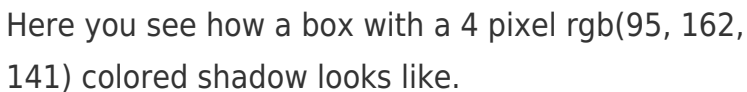
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 162, 141) }
```

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

```
.border{ border-color:rgb(95, 162, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(95, 162, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 162, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 162, 141); box-shadow:4px 4px 4px 4px rgb(95, 162, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1966, 0.2721, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 162, 141) }
```

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

```
.background{ background-color: rgb(95, 162,  
141) }
```

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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