

Converting Colors

$Y_{xy}(21.4838, 0.2673, 0.2901)$

Have a look what the booklet for
Yxy(21.4838, 0.2673, 0.2901)
contains.

Yxy(21.3581, 0.2669, 0.2892)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.3581, 0.2669, 0.2892)

Conversions

Conversions Part 1

Format	Color
Hex	6B8298
RGB	107, 130, 152
RGB Percent	42%, 51%, 60%
CMY	0.5804, 0.4902, 0.4040
CMYK	0.30, 0.14, 0.00, 0.40
HSL	209°, 18%, 51%
HSV	209°, 30%, 60%
XYZ	19.7112, 21.3581, 32.7831
YIQ	125.6310, -20.7700, 1.9660

Conversions

Conversions Part 2

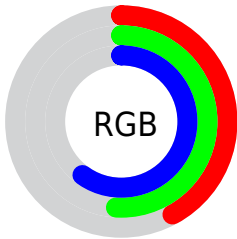
Format	Color
R_{YB}	107, 122, 152
Decimal	7045784
CIE _{Lab}	53.34, -2.92, -14.50
CIE _{LCh}	53, 14.788, 258.615
Yxy	21.3581, 0.2669, 0.2892
Android (android.graphics.Color)	4285235864 (0xFF6B8298)
YUV	125.6310, 12.9999, -16.3394
Hunter-Lab	46.2148, -4.7435, -9.7077

Details

The Yxy color **21.3581, 0.2669, 0.2892** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4264, 0.3660, 0.3657**, and the grayscale version is **20.6922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.6941, 0.2769, 0.2986**, and **7.7240, 0.2496, 0.2740** is the 20% darker color. If you saturate the color by 10%, you get **18.5942, 0.2511, 0.2732**, and if you desaturate by 10%, it is **24.4318, 0.2827, 0.3040**.

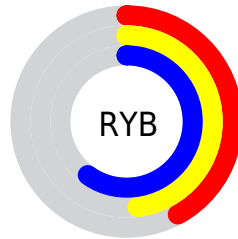
Distribution



Red (42%)

Green (51%)

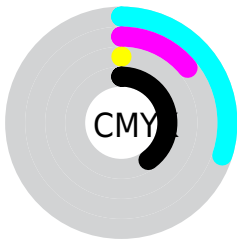
Blue (60%)



Red (42%)

Yellow (48%)

Blue (60%)

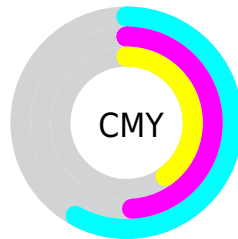


Cyan (30%)

Magenta (14%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (49%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.3581, 0.2669, 0.2892 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 21.3581, 0.2669, 0.2892 by changing the saturation by 10% instead.

■ 21.3581, 0.2669,
0.2892

■ 21.3581, 0.2669,
0.2892

■ 259.1755, 0.2924,
0.3116

■ 13.3860, 0.2595,
0.2826

■ 45.6828, 0.2769,
0.2981

■ 7.6949, 0.2493,
0.2734

■ 62.8041, 0.2804,
0.3012

■ 3.9003, 0.2344,
0.2598

■ 83.7440, 0.2833,
0.3037

■ 1.6180, 0.2107,
0.2378

■ 108.8869, 0.2857,
0.3058

■ 0.3697, 0.1309,
0.1727

■ 138.6170, 0.2878,
0.3076

■ 0.0000, 0.0000,
0.0000

173.3189, 0.2896,

0.3091

213.3770, 0.2911,
0.3105

■ 21.3581, 0.2669,
0.2892

■ 21.3581, 0.2669,
0.2892

■ 18.5942, 0.2511,
0.2732

■ 24.4318, 0.2827,
0.3040

■ 16.1258, 0.2356,
0.2560

■ 27.8237, 0.2983,
0.3174

■ 13.9413, 0.2210,
0.2379

■ 31.5449, 0.3133,
0.3294

■ 12.0270, 0.2077,
0.2193

■ 35.6052, 0.3276,
0.3402

■ 10.3677, 0.1962,
0.2006

■ 40.0140, 0.3411,
0.3497

■ 8.9462, 0.1868,
0.1824

■ 44.7802, 0.3539,
0.3581

■ 7.7259, 0.1792,
0.1648

■ 49.9124, 0.3657,
0.3655

■ 7.6807, 0.1789,
0.1641

■ 55.4190, 0.3767,
0.3720

■ 61.3080, 0.3869,
0.3776

Harmonies

Analogous

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



21.3581, 0.2622, 0.3048



21.3581, 0.2669, 0.2892



21.3581, 0.2835, 0.2845

Triad

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



21.3581, 0.2669, 0.2892



21.3581, 0.3569, 0.3273



21.3581, 0.3153, 0.3715

Complementary

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



21.3581, 0.2669, 0.2892



23.4264, 0.3660, 0.3657

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.



21.3581, 0.3413, 0.3766



21.3581, 0.2669, 0.2892



21.3581, 0.3661, 0.3497

Square

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



21.3581, 0.2669, 0.2892



21.3581, 0.3354, 0.3062



21.3581, 0.3601, 0.3680



21.3581, 0.2893, 0.3534

Rectangle

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



21.3581, 0.2669, 0.2892



21.3581, 0.2994, 0.2876



21.3581, 0.3601, 0.3680



21.3581, 0.3243, 0.3748

Sweetspot

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



21.3589, 0.2669, 0.2892



49.3935, 0.2989, 0.3179



27.1549, 0.2901, 0.3710



11.0337, 0.2969, 0.3162



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.



21.3589, 0.2669, 0.2892



34.1913, 0.2556, 0.2779



16.0611, 0.2624, 0.2470



6.5226, 0.2989, 0.3179



6.5035, 0.1793, 0.1653



0.1700, 0.1999, 0.2396

Inverse Universe

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



18.7986, 0.3441, 0.2910



29.2212, 0.3543, 0.2815



29.9446, 0.3564, 0.3996



6.2728, 0.3208, 0.3177



6.0618, 0.4865, 0.2454



0.0980, 0.4027, 0.1992

Previews

White Background



This preview shows how the Yxy color 21.3581, 0.2669, 0.2892 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 21.3581, 0.2669, 0.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

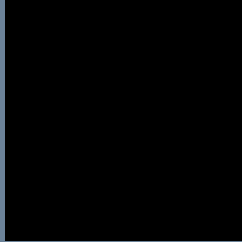
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

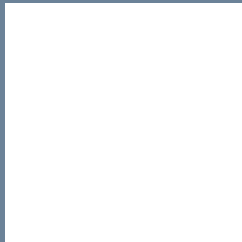
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 21.3581, 0.2669, 0.2892

Background



This preview shows how black text looks on a background with the Yxy color 21.3581, 0.2669, 0.2892.



This preview shows how white text looks on a background with the Yxy color 21.3581, 0.2669, 0.2892.

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

21.3581, 0.2669, 0.2892

Protanopia

21.3026, 0.2853, 0.2887

Deuteranopia

21.2272, 0.2856, 0.2792



Tritanopia

21.4588, 0.2742, 0.3103

Trichromacy



Original Color

21.3581, 0.2669, 0.2892

Protanomaly

21.1627, 0.2781, 0.2881

Deuteranomaly

21.2147, 0.2783, 0.2817

Tritanomaly

21.3721, 0.2714, 0.3013

Monochromacy



Original Color

21.3581, 0.2669, 0.2892

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.8500, 0.2950, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.3581, 0.2669, 0.2892 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(107, 130, 152)` looks like.

```
.text, #text, p{  
    color:rgb(107, 130, 152)  
}
```

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(107, 130, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 130, 152) }
```

Border

The CSS property to change the border of an element to Yxy 21.3581, 0.2669, 0.2892 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(107, 130, 152) }
```

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

```
.border{ border-color:rgb(107, 130, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 130, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 130, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 130, 152);  
box-shadow:4px 4px 4px 4px rgb(107, 130,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 21.3581, 0.2669, 0.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 130, 152) }
```

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

```
.background{ background-color: rgb(107,  
130, 152) }
```

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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