

Converting Colors

$Y_{xy}(21.2070, 0.2660, 0.2862)$

Have a look what the booklet for
Yxy(21.2070, 0.2660, 0.2862)
contains.

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Color

Yxy(21.1262, 0.2658, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	6B8199
RGB	107, 129, 153
RGB Percent	42%, 51%, 60%
CMY	0.5805, 0.4941, 0.4000
CMYK	0.30, 0.16, 0.00, 0.40
HSL	211°, 18%, 51%
HSV	211°, 30%, 60%
XYZ	19.6616, 21.1262, 33.1835
YIQ	125.1580, -20.8160, 2.8000

Conversions

Conversions Part 2

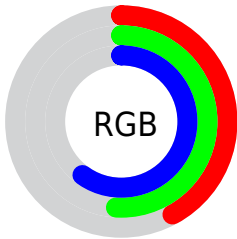
Format	Color
R_{YB}	107, 122, 153
Decimal	7045529
CIE _{Lab}	53.09, -2.08, -15.48
CIE _{LCh}	53, 15.615, 262.337
Yxy	21.1262, 0.2658, 0.2856
Android (android.graphics.Color)	4285235609 (0xFF6B8199)
YUV	125.1580, 13.7261, -15.9246
Hunter-Lab	45.9632, -4.0792, -10.6306

Details

The Yxy color **21.1262, 0.2658, 0.2856** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **24.0610, 0.3663, 0.3687**, and the grayscale version is **20.5213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.3318, 0.2761, 0.2960**, and **7.5962, 0.2480, 0.2687** is the 20% darker color. If you saturate the color by 10%, you get **18.2408, 0.2497, 0.2683**, and if you desaturate by 10%, it is **24.3452, 0.2819, 0.3015**.

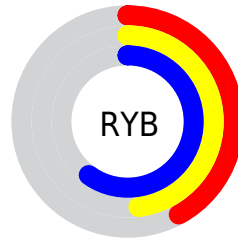
Distribution



Red (42%)

Green (51%)

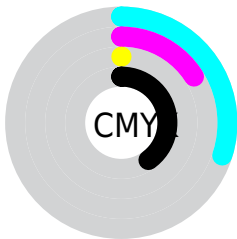
Blue (60%)



Red (42%)

Yellow (48%)

Blue (60%)

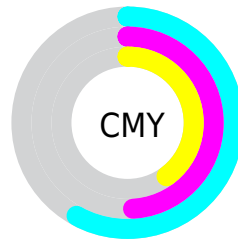


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (49%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.1262, 0.2658, 0.2856 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 21.1262, 0.2658, 0.2856 by changing the saturation by 10% instead.

■ 21.1262, 0.2658,
0.2856

■ 21.1262, 0.2658,
0.2856

■ 257.9484, 0.2920,
0.3100

■ 13.2163, 0.2582,
0.2784

■ 45.2975, 0.2761,
0.2952

■ 7.5776, 0.2477,
0.2685

■ 62.3276, 0.2797,
0.2986

■ 3.8259, 0.2324,
0.2538

■ 83.1666, 0.2827,
0.3014

■ 1.5767, 0.2081,
0.2302

■ 108.1989, 0.2851,
0.3037

■ 0.3418, 0.1270,
0.1584

■ 137.8088, 0.2872,
0.3056

■ 0.0000, 0.0000,
0.0000

172.3808, 0.2890,

0.3073

212.2992, 0.2906,
0.3088

■ 21.1262, 0.2658,
0.2856

■ 21.1262, 0.2658,
0.2856

■ 18.2408, 0.2497,
0.2683

■ 24.3452, 0.2819,
0.3015

■ 15.6739, 0.2338,
0.2498

■ 27.9071, 0.2975,
0.3159

■ 13.4129, 0.2188,
0.2304

■ 31.8240, 0.3126,
0.3289

■ 11.4430, 0.2051,
0.2105

■ 36.1063, 0.3269,
0.3404

■ 9.7479, 0.1933,
0.1906

■ 40.7642, 0.3403,
0.3507

■ 8.3091, 0.1836,
0.1714

■ 45.8074, 0.3529,
0.3597

■ 7.0962, 0.1759,
0.1532

■ 51.2452, 0.3645,
0.3675

■ 57.0866, 0.3753,
0.3745

■ 63.3402, 0.3853,
0.3805

Harmonies

Analogous

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



21.1262, 0.2592, 0.3006



21.1262, 0.2658, 0.2856



21.1262, 0.2846, 0.2822

Triad

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



21.1262, 0.2658, 0.2856



21.1262, 0.3616, 0.3301



21.1262, 0.3118, 0.3725

Complementary

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



21.1262, 0.2658, 0.2856



24.0610, 0.3663, 0.3687

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.



21.1262, 0.3398, 0.3797



21.1262, 0.2658, 0.2856



21.1262, 0.3694, 0.3535

Square

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



21.1262, 0.2658, 0.2856



21.1262, 0.3401, 0.3074



21.1262, 0.3611, 0.3721



21.1262, 0.2849, 0.3518

Rectangle

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



21.1262, 0.2658, 0.2856



21.1262, 0.3021, 0.2864



21.1262, 0.3611, 0.3721



21.1262, 0.3214, 0.3766

Sweetspot

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



21.1270, 0.2658, 0.2856



50.5820, 0.2989, 0.3172



27.5428, 0.2885, 0.3690



10.9696, 0.2969, 0.3153



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.



21.1270, 0.2658, 0.2856



34.3419, 0.2551, 0.2743



15.9819, 0.2621, 0.2441



6.4896, 0.2989, 0.3171



5.9301, 0.1763, 0.1545



0.1609, 0.1977, 0.2317

Inverse Universe

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



18.8684, 0.3468, 0.2927



29.9770, 0.3571, 0.2844



30.5466, 0.3560, 0.4021



6.2695, 0.3213, 0.3184



6.0039, 0.5002, 0.2529



0.0971, 0.4109, 0.2037

Previews

White Background



This preview shows how the Yxy color 21.1262, 0.2658, 0.2856 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 21.1262, 0.2658, 0.2856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

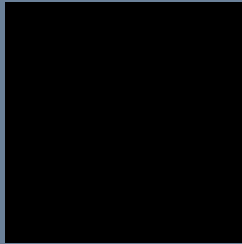
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

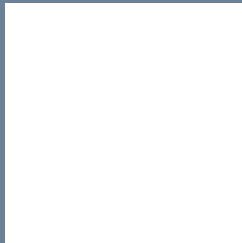
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 21.1262, 0.2658, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 21.1262, 0.2658, 0.2856.



This preview shows how white text looks on a background with the Yxy color 21.1262, 0.2658, 0.2856.

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

21.1262, 0.2658, 0.2856

Protanopia

20.9665, 0.2811, 0.2833

Deuteranopia

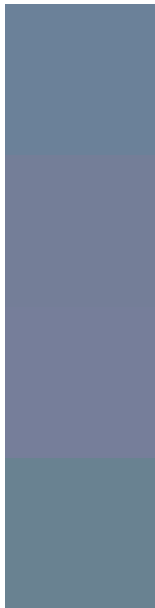
21.1084, 0.2824, 0.2773



Tritanopia

21.0987, 0.2739, 0.3102

Trichromacy



Original Color

21.1262, 0.2658, 0.2856

Protanomaly

20.9017, 0.2751, 0.2828

Deuteranomaly

21.1064, 0.2753, 0.2798

Tritanomaly

21.0129, 0.2711, 0.3011

Monochromacy



Original Color

21.1262, 0.2658, 0.2856

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.5225, 0.2939, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1262, 0.2658, 0.2856 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, 129, 153)` looks like.

```
.text, #text, p{  
    color:rgb(107, 129, 153)  
}
```

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, 129, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 129, 153) }
```

Border

The CSS property to change the border of an element to Yxy 21.1262, 0.2658, 0.2856 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, 129, 153) }
```

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

```
.border{ border-color:rgb(107, 129, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 129, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 129, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 129, 153);  
box-shadow:4px 4px 4px 4px rgb(107, 129,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1262, 0.2658, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 129, 153) }
```

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

```
.background{ background-color: rgb(107,  
129, 153) }
```

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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