

Converting Colors

$Yxy(37.7965, 0.2739, 0.2863)$

Have a look what the booklet for
Yxy(37.7965, 0.2739, 0.2863)
contains.

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Color

Yxy(37.6932, 0.2736, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	95A6C5
RGB	149, 166, 197
RGB Percent	58%, 65%, 77%
CMY	0.4156, 0.3490, 0.2276
CMYK	0.24, 0.16, 0.00, 0.23
HSL	219°, 29%, 68%
HSV	219°, 24%, 77%
XYZ	36.1095, 37.6932, 58.1763
YIQ	164.4510, -20.0830, 6.0370

Conversions

Conversions Part 2

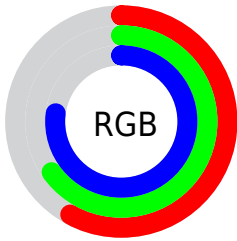
Format	Color
R _Y B	149, 162, 197
Decimal	9807557
CIE Lab	67.79, 0.95, -17.82
CIE LCh	68, 17.843, 273.049
Yxy	37.6932, 0.2736, 0.2856
Android (android.graphics.Color)	4287997637 (0xFF95A6C5)
YUV	164.4510, 16.0467, -13.5505
Hunter-Lab	61.3948, -2.4558, -13.2055

Details

The Yxy color $37.6932, 0.2736, 0.2856$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $46.6788, 0.3538, 0.3689$, and the grayscale version is $37.2820, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.7060, 0.2809, 0.2935$, and $16.5592, 0.2616, 0.2723$ is the 20% darker color. If you saturate the color by 10%, you get $31.5960, 0.2562, 0.2644$, and if you desaturate by 10%, it is $44.5645, 0.2904, 0.3049$.

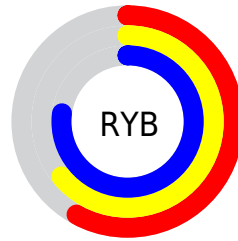
Distribution



Red (58%)

Green (65%)

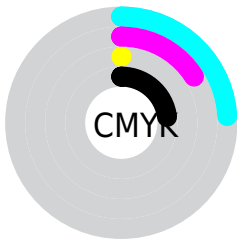
Blue (77%)



Red (58%)

Yellow (64%)

Blue (77%)

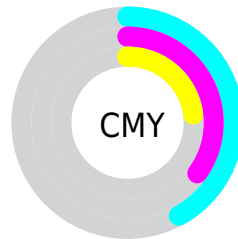


Cyan (24%)

Magenta (16%)

Yellow (0%)

Black (23%)



Cyan (42%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.6932, 0.2736, 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 37.6932, 0.2736, 0.2856 by changing the saturation by 10% instead.

■ 37.6932, 0.2736,
0.2856

■ 37.6932, 0.2736,
0.2856

■ 336.3020, 0.2937,
0.3078

■ 25.7447, 0.2685,
0.2799

■ 71.6377, 0.2810,
0.2938

■ 16.6327, 0.2618,
0.2726

■ 94.4023, 0.2837,
0.2968

■ 9.9730, 0.2528,
0.2627

■ 121.5412, 0.2861,
0.2994

■ 5.3810, 0.2400,
0.2487

■ 153.4387, 0.2880,
0.3015

■ 2.4725, 0.2206,
0.2276

■ 190.4791, 0.2897,
0.3034

■ 0.8628, 0.1883,
0.1926

■ 233.0468, 0.2912,

■ 0.0000, 0.0000,

0.3051

0.0000

281.5264, 0.2925,
0.3065

■ 37.6932, 0.2736,
0.2856

■ 37.6932, 0.2736,
0.2856

■ 31.5960, 0.2562,
0.2644

■ 44.5645, 0.2904,
0.3049

■ 26.2394, 0.2385,
0.2415

■ 52.2326, 0.3062,
0.3221

■ 21.5939, 0.2212,
0.2173

■ 60.7251, 0.3209,
0.3374

■ 17.6261, 0.2048,
0.1924

■ 70.0665, 0.3345,
0.3509

■ 14.2994, 0.1902,
0.1678

■ 80.2805, 0.3470,
0.3627

■ 11.5731, 0.1780,
0.1444

■ 88.9998, 0.3498,
0.3743

■ 9.4001, 0.1688,
0.1234

■ 96.8098, 0.3472,
0.3860

■ 8.3761, 0.1646,
0.1126

Harmonies

Analogous

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



37.6932, 0.2629, 0.2961



37.6932, 0.2736, 0.2856



37.6932, 0.2947, 0.2863

Triad

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



37.6932, 0.2736, 0.2856



37.6932, 0.3631, 0.3382



37.6932, 0.3023, 0.3641

Complementary

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



37.6932, 0.2736, 0.2856



46.6788, 0.3538, 0.3689

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.



37.6932, 0.3292, 0.3759



37.6932, 0.2736, 0.2856



37.6932, 0.3650, 0.3593

Square

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



37.6932, 0.2736, 0.2856



37.6932, 0.3469, 0.3159



37.6932, 0.3523, 0.3736



37.6932, 0.2790, 0.3416

Rectangle

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



37.6932, 0.2736, 0.2856



37.6932, 0.3124, 0.2926



37.6932, 0.3523, 0.3736



37.6932, 0.3112, 0.3695

Sweetspot

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



37.6947, 0.2736, 0.2856



89.6326, 0.3019, 0.3175



49.5813, 0.2887, 0.3531



19.0012, 0.3009, 0.3165



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



37.6947, 0.2736, 0.2856



61.7862, 0.2648, 0.2750



32.5445, 0.2771, 0.2619



10.8916, 0.2983, 0.3137



5.6548, 0.1653, 0.1150



0.4042, 0.1773, 0.1581

Inverse Universe

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



36.1236, 0.3454, 0.3070



58.8443, 0.3545, 0.3021



53.1108, 0.3436, 0.3902



10.6979, 0.3235, 0.3208



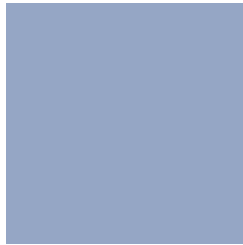
8.1108, 0.5538, 0.2825



0.3978, 0.4955, 0.2503

Previews

White Background



This preview shows how the Yxy color 37.6932, 0.2736, 0.2856 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 37.6932, 0.2736, 0.2856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

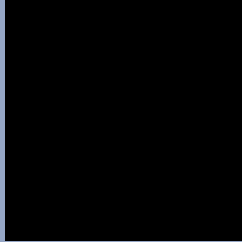
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6932, 0.2736, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 37.6932, 0.2736, 0.2856.



This preview shows how white text looks on a background with the Yxy color 37.6932, 0.2736, 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

37.6932, 0.2736, 0.2856

Protanopia

37.4036, 0.2821, 0.2848

Deuteranopia

37.5663, 0.2855, 0.2789



Tritanopia

37.8643, 0.2824, 0.3101

Trichromacy



Original Color

37.6932, 0.2736, 0.2856

Protanomaly

37.5050, 0.2789, 0.2846

Deuteranomaly

37.6425, 0.2806, 0.2810

Tritanomaly

37.7962, 0.2794, 0.3017

Monochromacy



Original Color

37.6932, 0.2736, 0.2856

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.4158, 0.2980, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6932, 0.2736, 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(149, 166, 197)` looks like.

```
.text, #text, p{  
    color:rgb(149, 166, 197)  
}
```

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(149, 166, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 166, 197) }
```

Border

The CSS property to change the border of an element to Yxy 37.6932, 0.2736, 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(149, 166, 197) }
```

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

```
.border{ border-color:rgb(149, 166, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 166, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 166, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 166, 197);  
box-shadow:4px 4px 4px 4px rgb(149, 166,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6932, 0.2736, 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(149, 166, 197) }
```

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

```
.background{ background-color: rgb(149,  
166, 197) }
```

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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