

Converting Colors

Yxy(34.1464, 0.2656, 0.2595)

Have a look what the booklet for
Yxy(34.1464, 0.2656, 0.2595)
contains.

Yxy(34.1464, 0.2656, 0.2595)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.1464, 0.2656, 0.2595)

Conversions

Conversions Part 1

Format	Color
Hex	949BCD
RGB	148, 155, 205
RGB Percent	58%, 61%, 80%
CMY	0.4197, 0.3921, 0.1962
CMYK	0.28, 0.24, 0.00, 0.20
HSL	233°, 36%, 69%
HSV	233°, 28%, 80%
XYZ	34.9491, 34.1464, 62.4899
YIQ	158.6070, -20.2220, 14.0660

Conversions

Conversions Part 2

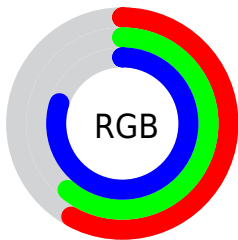
Format	Color
R_{YB}	148, 154, 205
Decimal	9739213
CIE Lab	65.08, 8.73, -26.42
CIE LCh	65, 27.821, 288.291
Yxy	34.1464, 0.2656, 0.2595
Android (android.graphics.Color)	4287929293 (0xFF949BCD)
YUV	158.6070, 22.8717, -9.3023
Hunter-Lab	58.4349, 4.4971, -22.4999

Details

The Yxy color **34.1464, 0.2656, 0.2595** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.4794, 0.3565, 0.3901**, and the grayscale version is **34.3827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5174, 0.2789, 0.2790**, and **14.6218, 0.2507, 0.2386** is the 20% darker color. If you saturate the color by 10%, you get **26.8590, 0.2460, 0.2294**, and if you desaturate by 10%, it is **42.6652, 0.2840, 0.2871**.

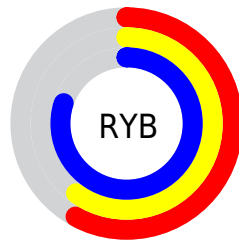
Distribution



Red (58%)

Green (61%)

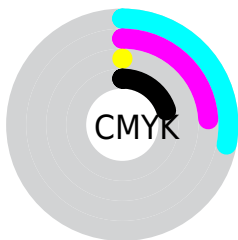
Blue (80%)



Red (58%)

Yellow (60%)

Blue (80%)

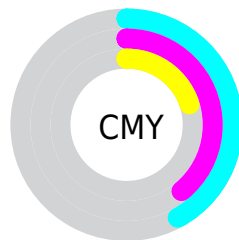


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (20%)



Cyan (42%)

Magenta (39%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.1464, 0.2656, 0.2595 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 34.1464, 0.2656, 0.2595 by changing the saturation by 10% instead.

■ 34.1464, 0.2656,
0.2595

■ 34.1464, 0.2656,
0.2595

■ 320.7844, 0.2902,
0.2947

■ 23.0061, 0.2592,
0.2506

■ 66.1613, 0.2748,
0.2724

■ 14.5980, 0.2508,
0.2393

■ 87.8046, 0.2781,
0.2772

■ 8.5377, 0.2395,
0.2242

■ 113.7178, 0.2810,
0.2812

■ 4.4409, 0.2234,
0.2034

■ 144.2851, 0.2834,
0.2847

■ 1.9231, 0.1990,
0.1732

■ 179.8910, 0.2854,
0.2877

■ 0.5622, 0.1599,
0.1203

■ 220.9200, 0.2872,

■ 0.0000, 0.0000,

0.2904

0.0000

267.7563, 0.2888,
0.2927

■ 34.1464, 0.2656,
0.2595

■ 34.1464, 0.2656,
0.2595

■ 26.8590, 0.2460,
0.2294

■ 42.6652, 0.2840,
0.2871

■ 20.7419, 0.2257,
0.1977

■ 52.4647, 0.3008,
0.3118

■ 15.7348, 0.2058,
0.1656

■ 63.5964, 0.3159,
0.3335

■ 11.7705, 0.1875,
0.1348

■ 76.1076, 0.3293,
0.3526

■ 8.7742, 0.1720,
0.1077

■ 90.0435, 0.3411,
0.3690

■ 6.6609, 0.1606,
0.0860

■ 97.1866, 0.3424,
0.3781

■ 5.3248, 0.1536,
0.0710

■ 5.1130, 0.1524,
0.0685

Harmonies

Analogous

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



34.1464, 0.2406, 0.2658



34.1464, 0.2656, 0.2595



34.1464, 0.3045, 0.2694

Triad

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



34.1464, 0.2656, 0.2595



34.1464, 0.3989, 0.3595



34.1464, 0.2752, 0.3694

Complementary

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



34.1464, 0.2656, 0.2595



55.4794, 0.3565, 0.3901

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.



34.1464, 0.3161, 0.3997



34.1464, 0.2656, 0.2595



34.1464, 0.3887, 0.3898

Square

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



34.1464, 0.2656, 0.2595



34.1464, 0.3840, 0.3247



34.1464, 0.3579, 0.4062



34.1464, 0.2456, 0.3272

Rectangle

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



34.1464, 0.2656, 0.2595



34.1464, 0.3340, 0.2837



34.1464, 0.3579, 0.4062



34.1464, 0.2880, 0.3816

Sweetspot

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



34.1478, 0.2656, 0.2595



85.4486, 0.3003, 0.3111



53.9938, 0.2772, 0.3390



17.7383, 0.2979, 0.3075



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.



34.1478, 0.2656, 0.2595



48.9986, 0.2547, 0.2429



34.0048, 0.2826, 0.2533



11.0631, 0.2982, 0.3080



3.2595, 0.1528, 0.0700



0.2439, 0.1601, 0.0964

Inverse Universe

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



36.5186, 0.3654, 0.3202



53.6744, 0.3804, 0.3183



55.9884, 0.3371, 0.4020



11.2358, 0.3271, 0.3262



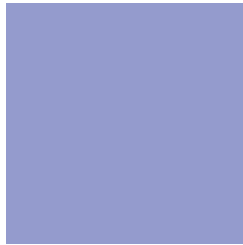
8.1320, 0.6233, 0.3207



0.4272, 0.5813, 0.2976

Previews

White Background



This preview shows how the Yxy color 34.1464, 0.2656, 0.2595 looks on a white background.

Color Contrast Check

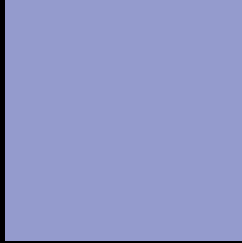
Large Text (above 18pt) WCAG AA × Fail

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 34.1464, 0.2656, 0.2595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

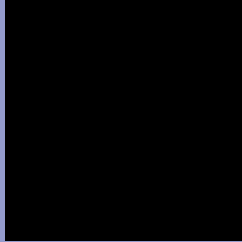
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1464, 0.2656, 0.2595

Background



This preview shows how black text looks on a background with the Yxy color 34.1464, 0.2656, 0.2595.



This preview shows how white text looks on a background with the Yxy color 34.1464, 0.2656, 0.2595.

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

34.1464, 0.2656, 0.2595

Protanopia

34.1625, 0.2619, 0.2591

Deuteranopia

34.1464, 0.2656, 0.2595



Tritanopia

34.2965, 0.2846, 0.3094

Trichromacy



Original Color

34.1464, 0.2656, 0.2595

Protanomaly

34.2529, 0.2627, 0.2592

Deuteranomaly

34.1464, 0.2656, 0.2595

Tritanomaly

34.2283, 0.2775, 0.2909

Monochromacy



Original Color

34.1464, 0.2656, 0.2595

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.5569, 0.2943, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1464, 0.2656, 0.2595 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(148, 155, 205)` looks like.

```
.text, #text, p{  
    color:rgb(148, 155, 205)  
}
```

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(148, 155, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 155, 205) }
```

Border

The CSS property to change the border of an element to Yxy 34.1464, 0.2656, 0.2595 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(148, 155, 205) }
```

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

```
.border{ border-color:rgb(148, 155, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 155, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 155, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 155, 205);  
box-shadow:4px 4px 4px 4px rgb(148, 155,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1464, 0.2656, 0.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 155, 205) }
```

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

```
.background{ background-color: rgb(148,  
155, 205) }
```

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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