

Converting Colors

$Yxy(21.8714, 0.4804, 0.3155)$

Have a look what the booklet for
Yxy(21.8714, 0.4804, 0.3155)
contains.

Yxy(21.8526, 0.4798, 0.3147)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.8526, 0.4798, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	D65663
RGB	214, 86, 99
RGB Percent	84%, 34%, 39%
CMY	0.1607, 0.6628, 0.6117
CMYK	0.00, 0.60, 0.54, 0.16
HSL	354°, 61%, 59%
HSV	354°, 60%, 84%
XYZ	33.3171, 21.8526, 14.2698
YIQ	125.7540, 72.1150, 31.1790

Conversions

Conversions Part 2

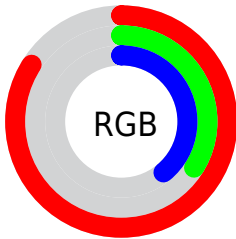
Format	Color
R_{YB}	214, 86, 99
Decimal	14046819
CIE _{Lab}	53.87, 51.38, 18.88
CIE _{LCh}	54, 54.736, 20.173
Yxy	21.8526, 0.4798, 0.3147
Android (android.graphics.Color)	4292236899 (0xFFD65663)
YUV	125.7540, -13.1897, 77.3917
Hunter-Lab	46.7468, 45.4125, 14.6240

Details

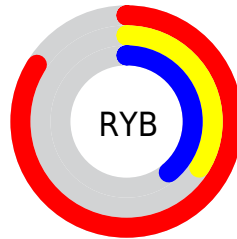
The Yxy color **21.8526, 0.4798, 0.3147** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **54.2991, 0.2457, 0.3471**, and the grayscale version is **20.8027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5118, 0.4235, 0.3199**, and **7.9576, 0.5431, 0.3004** is the 20% darker color. If you saturate the color by 10%, you get **18.6085, 0.5248, 0.3146**, and if you desaturate by 10%, it is **26.2095, 0.4382, 0.3162**.

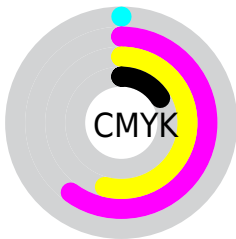
Distribution



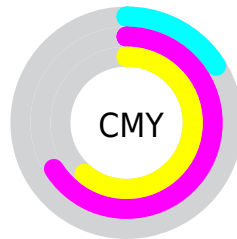
- Red (84%)
- Green (34%)
- Blue (39%)



- Red (84%)
- Yellow (34%)
- Blue (39%)



- Cyan (0%)
- Magenta (60%)
- Yellow (54%)
- Black (16%)





- Cyan (16%)
- Magenta (66%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.8526, 0.4798, 0.3147 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 21.8526, 0.4798, 0.3147 by changing the saturation by 10% instead.


 21.8526, 0.4798,
0.3147


 21.8526, 0.4798,
0.3147


261.7755, 0.3855,
0.3269


 13.7486, 0.5069,
0.3093


 46.5023, 0.4429,
0.3207

 7.9460, 0.5436,
0.3007


 63.8167, 0.4298,
0.3224

 4.0604, 0.5954,
0.2858

 84.9702, 0.4191,
0.3237

 1.7074, 0.6833,
0.2625

 110.3470, 0.4101,
0.3247

 0.4285, 0.8203,
0.1797

140.3315, 0.4025,
0.3254

 0.0000, 1.0000,
0.0000

175.3082, 0.3960,

 0.0000, 0.0000,

0.3260

0.0000

215.6614, 0.3904,
0.3265

■ 21.8526, 0.4798,
0.3147

■ 21.8526, 0.4798,
0.3147

■ 18.6085, 0.5248,
0.3146

■ 26.2095, 0.4382,
0.3162

■ 16.3727, 0.5686,
0.3162

■ 31.7640, 0.4022,
0.3185

■ 15.0274, 0.6050,
0.3198

■ 38.5970, 0.3722,
0.3212

■ 14.3661, 0.6292,
0.3241

■ 46.7812, 0.3479,
0.3239

■ 14.3567, 0.6295,
0.3242

■ 56.3839, 0.3282,
0.3266

■ 67.4679, 0.3125,
0.3290

■ 80.0922, 0.2998,
0.3313

■ 92.8992, 0.2895,
0.3312

■ 93.0396, 0.2883,
0.3289

Harmonies

Analogous

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



21.8526, 0.3974, 0.2551



21.8526, 0.4798, 0.3147



21.8526, 0.5042, 0.3812

Triad

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



21.8526, 0.4798, 0.3147



21.8526, 0.3037, 0.5016



21.8526, 0.1673, 0.1935

Complementary

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



21.8526, 0.4798, 0.3147



54.2991, 0.2457, 0.3471

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.



21.8526, 0.1515, 0.2310



21.8526, 0.4798, 0.3147



21.8526, 0.2209, 0.4201

Square

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



21.8526, 0.4798, 0.3147



21.8526, 0.3937, 0.5030



21.8526, 0.1680, 0.3099



21.8526, 0.2152, 0.1886

Rectangle

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



21.8526, 0.4798, 0.3147



21.8526, 0.4857, 0.4270



21.8526, 0.1680, 0.3099



21.8526, 0.1586, 0.2019

Sweetspot

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



21.8538, 0.4798, 0.3147



71.7534, 0.3443, 0.3243



23.6630, 0.3030, 0.1836



14.5251, 0.3507, 0.3235



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.



21.8538, 0.4798, 0.3147



26.5571, 0.5378, 0.3148



32.3175, 0.4565, 0.3873



12.4411, 0.3275, 0.3267



8.6828, 0.6274, 0.3230



0.5309, 0.5947, 0.3050

Inverse Universe

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



21.8538, 0.4798, 0.3147



26.5571, 0.5378, 0.3148



33.7231, 0.2233, 0.2560



12.4411, 0.3275, 0.3267



8.6828, 0.6274, 0.3230



0.5309, 0.5947, 0.3050

Previews

White Background



This preview shows how the Yxy color 21.8526, 0.4798, 0.3147 looks on a white background.

Color Contrast Check

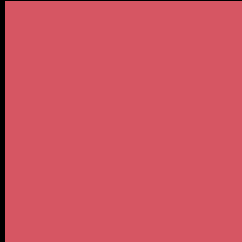
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8526, 0.4798, 0.3147 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 21.8526, 0.4798, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 21.8526, 0.4798, 0.3147.



This preview shows how white text looks on a background with the Yxy color 21.8526, 0.4798, 0.3147.

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

21.8526, 0.4798, 0.3147

Protanopia

22.1249, 0.3286, 0.3450

Deuteranopia

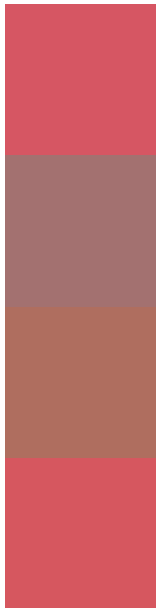
21.9779, 0.3867, 0.3808



Tritanopia

21.9028, 0.4880, 0.3228

Trichromacy



Original Color

21.8526, 0.4798, 0.3147

Protanomaly

20.7666, 0.3813, 0.3308

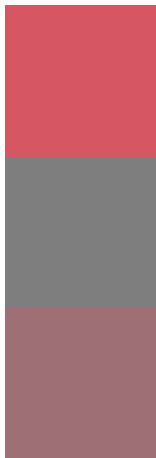
Deuteranomaly

21.0920, 0.4222, 0.3517

Tritanomaly

21.9388, 0.4851, 0.3205

Monochromacy



Original Color

21.8526, 0.4798, 0.3147

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

19.8989, 0.3700, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.8526, 0.4798, 0.3147 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(214, 86, 99)` looks like.

```
.text, #text, p{  
    color:rgb(214, 86, 99)  
}
```

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(214, 86, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 86, 99) }
```

Border

The CSS property to change the border of an element to Yxy 21.8526, 0.4798, 0.3147 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(214, 86, 99) }
```

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

```
.border{ border-color:rgb(214, 86, 99) }
```

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

Here you see how a box with a 4 pixel rgb(214, 86, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 86, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 86, 99);  
box-shadow:4px 4px 4px 4px rgb(214, 86,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 21.8526, 0.4798, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 86, 99) }
```

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

```
.background{ background-color: rgb(214, 86,  
99) }
```

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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