

Converting Colors

$Y_{xy}(22.5751, 0.4638, 0.3607)$

Have a look what the booklet for
Yxy(22.5751, 0.4638, 0.3607)
contains.

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Color

Yxy(22.6093, 0.4636, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	C26B53
RGB	194, 107, 83
RGB Percent	76%, 42%, 33%
CMY	0.2392, 0.5804, 0.6744
CMYK	0.00, 0.45, 0.57, 0.24
HSL	13°, 48%, 54%
HSV	13°, 57%, 76%
XYZ	29.0673, 22.6093, 11.0225
YIQ	130.2770, 59.5560, 10.9800

Conversions

Conversions Part 2

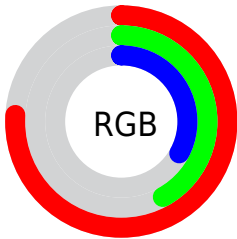
Format	Color
RYB	194, 114, 83
Decimal	12741459
CIELab	54.67, 32.27, 28.63
CIElCh	55, 43.136, 41.583
Yxy	22.6093, 0.4636, 0.3606
Android (android.graphics.Color)	4290931539 (0xFFC26B53)
YUV	130.2770, -23.3076, 55.8851
Hunter-Lab	47.5492, 25.9076, 19.5403

Details

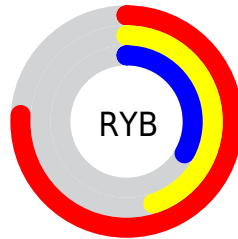
The Yxy color **22.6093, 0.4636, 0.3606** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **34.4935, 0.2338, 0.2913**, and the grayscale version is **22.4966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.9059, 0.4305, 0.3576**, and **8.2941, 0.5204, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **19.4540, 0.5036, 0.3633**, and if you desaturate by 10%, it is **26.4085, 0.4267, 0.3560**.

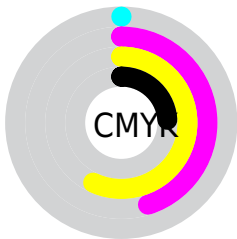
Distribution



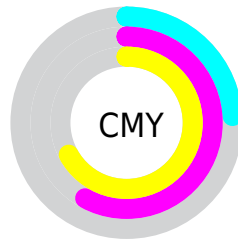
- Red (76%)
- Green (42%)
- Blue (33%)



- Red (76%)
- Yellow (45%)
- Blue (33%)



- Cyan (0%)
- Magenta (45%)
- Yellow (57%)
- Black (24%)




- Cyan (24%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.6093, 0.4636, 0.3606 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 22.6093, 0.4636, 0.3606 by changing the saturation by 10% instead.


 22.6093, 0.4636,
0.3606


 22.6093, 0.4636,
0.3606


265.7119, 0.3791,
0.3479


 14.3053, 0.4874,
0.3617


 47.7510, 0.4308,
0.3572

 8.3333, 0.5192,
0.3613


 65.3575, 0.4191,
0.3555


 4.3090, 0.5628,
0.3567

 86.8335, 0.4094,
0.3540

 1.8478, 0.6467,
0.3533

 112.5636, 0.4013,
0.3525

 0.5167, 0.7245,
0.2755

 142.9321, 0.3945,
0.3512

 0.0000, 1.0000,
0.0000

178.3234, 0.3886,

 0.0000, 0.0000,

0.3500

0.0000

219.1218, 0.3835,
0.3489

■ 22.6093, 0.4636,
0.3606

■ 22.6093, 0.4636,
0.3606

■ 19.4540, 0.5036,
0.3633

■ 26.4085, 0.4267,
0.3560

■ 16.9028, 0.5440,
0.3630

■ 30.8816, 0.3944,
0.3504

■ 14.9165, 0.5803,
0.3590

■ 36.0608, 0.3668,
0.3445

■ 13.4481, 0.6084,
0.3517

■ 41.9753, 0.3437,
0.3385

■ 13.1182, 0.6151,
0.3498

■ 48.6524, 0.3245,
0.3328

■ 56.1181, 0.3085,
0.3276

■ 64.3973, 0.2953,
0.3227

■ 73.5137, 0.2842,
0.3183

■ 83.3194, 0.2763,
0.3171

Harmonies

Analogous

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



22.6093, 0.4284, 0.3052



22.6093, 0.4636, 0.3606



22.6093, 0.4511, 0.4162

Triad

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



22.6093, 0.4636, 0.3606



22.6093, 0.2591, 0.4203



22.6093, 0.2203, 0.2130

Complementary

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



22.6093, 0.4636, 0.3606



34.4935, 0.2338, 0.2913

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.



22.6093, 0.1873, 0.2260



22.6093, 0.4636, 0.3606



22.6093, 0.2062, 0.3395

Square

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



22.6093, 0.4636, 0.3606



22.6093, 0.3304, 0.4674



22.6093, 0.1821, 0.2681



22.6093, 0.2798, 0.2248

Rectangle

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



22.6093, 0.4636, 0.3606



22.6093, 0.4207, 0.4478



22.6093, 0.1821, 0.2681



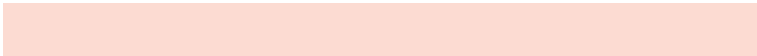
22.6093, 0.2062, 0.2144

Sweetspot

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



22.6105, 0.4636, 0.3606



75.9709, 0.3439, 0.3386



20.6315, 0.3465, 0.2181



16.1317, 0.3483, 0.3398



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.



22.6105, 0.4636, 0.3606



33.7991, 0.5154, 0.3635



37.4811, 0.4172, 0.4284



10.4228, 0.3284, 0.3340



8.7256, 0.6130, 0.3514



0.4813, 0.5694, 0.3861

Inverse Universe

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



34.4935, 0.2338, 0.2913



57.1958, 0.2215, 0.2812



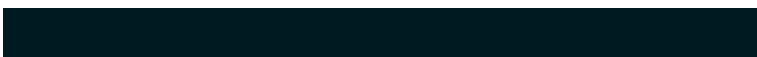
18.3008, 0.2143, 0.2002



11.0472, 0.2984, 0.3239



17.4681, 0.2052, 0.2587



0.8489, 0.2100, 0.2761

Previews

White Background



This preview shows how the Yxy color 22.6093, 0.4636, 0.3606 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 22.6093, 0.4636, 0.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

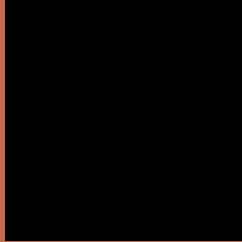
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6093, 0.4636, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 22.6093, 0.4636, 0.3606.



This preview shows how white text looks on a background with the Yxy color 22.6093, 0.4636, 0.3606.

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

22.6093, 0.4636, 0.3606

Protanopia

22.7737, 0.3685, 0.3950

Deuteranopia

22.6027, 0.4101, 0.4022



Tritanopia

22.5840, 0.4302, 0.3187

Trichromacy



Original Color

22.6093, 0.4636, 0.3606

Protanomaly

22.2174, 0.4032, 0.3819

Deuteranomaly

22.3067, 0.4313, 0.3857

Tritanomaly

22.4423, 0.4427, 0.3334

Monochromacy



Original Color

22.6093, 0.4636, 0.3606

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.8836, 0.3629, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6093, 0.4636, 0.3606 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(194, 107, 83)` looks like.

```
.text, #text, p{  
    color:rgb(194, 107, 83)  
}
```

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(194, 107, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 107, 83) }
```

Border

The CSS property to change the border of an element to Yxy 22.6093, 0.4636, 0.3606 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(194, 107, 83) }
```

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

```
.border{ border-color:rgb(194, 107, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 107, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 107, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 107, 83);  
box-shadow:4px 4px 4px 4px rgb(194, 107,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6093, 0.4636, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 107, 83) }
```

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

```
.background{ background-color: rgb(194,  
107, 83) }
```

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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