

Converting Colors

$Y_{xy}(30.6092, 0.4831, 0.4042)$

Have a look what the booklet for
Yxy(30.6092, 0.4831, 0.4042)
contains.

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Color

Yxy(30.6092, 0.4831, 0.4042)

Conversions

Conversions Part 1

Format	Color
Hex	D6823E
RGB	214, 130, 62
RGB Percent	84%, 51%, 24%
CMY	0.1608, 0.4902, 0.7569
CMYK	0.00, 0.39, 0.71, 0.16
HSL	27°, 65%, 54%
HSV	27°, 71%, 84%
XYZ	36.5841, 30.6092, 8.5345
YIQ	147.3640, 71.8920, -3.3400

Conversions

Conversions Part 2

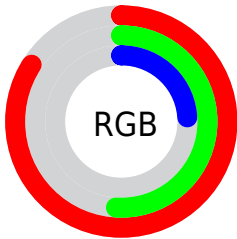
Format	Color
R _Y B	214, 185, 62
Decimal	14058046
CIE Lab	62.18, 26.74, 49.19
CIE LCh	62, 55.993, 61.471
Yxy	30.6092, 0.4831, 0.4042
Android (android.graphics.Color)	4292248126 (0xFFD6823E)
YUV	147.3640, -42.0845, 58.4398
Hunter-Lab	55.3256, 21.2136, 29.5818

Details

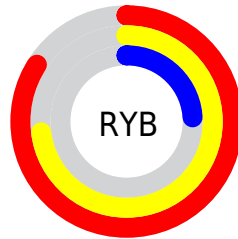
The Yxy color **30.6092, 0.4831, 0.4042** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **26.4306, 0.2063, 0.2235**, and the grayscale version is **29.4920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.3192, 0.4345, 0.4002**, and **12.6249, 0.5294, 0.4116** is the 20% darker color. If you saturate the color by 10%, you get **27.4532, 0.5121, 0.4060**, and if you desaturate by 10%, it is **34.2224, 0.4530, 0.3980**.

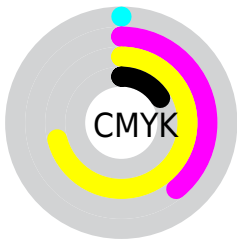
Distribution



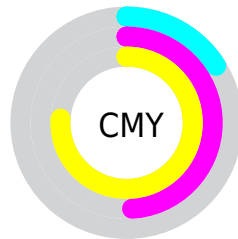
- Red (84%)
- Green (51%)
- Blue (24%)



- Red (84%)
- Yellow (73%)
- Blue (24%)



- Cyan (0%)
- Magenta (39%)
- Yellow (71%)
- Black (16%)





- Cyan (16%)
- Magenta (49%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6092, 0.4831, 0.4042 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 30.6092, 0.4831, 0.4042 by changing the saturation by 10% instead.


 30.6092, 0.4831,
0.4042

 30.6092, 0.4831,
0.4042


304.7338, 0.3949,
0.3727

 20.3014, 0.5041,
0.4084


 60.6243, 0.4513,
0.3951


 12.6144, 0.5296,
0.4112


 81.1004, 0.4392,
0.3909

 7.1635, 0.5629,
0.4118


 105.7347, 0.4290,
0.3871

 3.5646, 0.5989,
0.4011

 134.9117, 0.4202,
0.3836

 1.4331, 0.6333,
0.3667

 169.0157, 0.4126,
0.3805

 0.2409, 0.7855,
0.2145

 208.4311, 0.4059,

 0.0000, 0.0000,

0.3776

0.0000

253.5424, 0.4001,
0.3751

■ 30.6092, 0.4831,
0.4042

■ 30.6092, 0.4831,
0.4042

■ 27.4532, 0.5121,
0.4060

■ 34.2224, 0.4530,
0.3980

■ 24.7258, 0.5379,
0.4025

■ 38.3093, 0.4237,
0.3886

■ 22.6181, 0.5576,
0.3954

■ 42.8910, 0.3964,
0.3774

■ 47.9859, 0.3717,
0.3653

■ 53.6109, 0.3499,
0.3532

■ 59.7824, 0.3308,
0.3413

■ 66.5158, 0.3143,
0.3301

■ 73.8259, 0.3000,
0.3197

■ 81.7269, 0.2877,
0.3100

Harmonies

Analogous

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



30.6092, 0.4816, 0.3404



30.6092, 0.4831, 0.4042



30.6092, 0.4352, 0.4638

Triad

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



30.6092, 0.4831, 0.4042



30.6092, 0.2060, 0.3738



30.6092, 0.2477, 0.2031

Complementary

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



30.6092, 0.4831, 0.4042



26.4306, 0.2063, 0.2235

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.



30.6092, 0.1907, 0.1980



30.6092, 0.4831, 0.4042



30.6092, 0.1687, 0.2807

Square

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



30.6092, 0.4831, 0.4042



30.6092, 0.2750, 0.4645



30.6092, 0.1644, 0.2217



30.6092, 0.3323, 0.2323

Rectangle

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



30.6092, 0.4831, 0.4042



30.6092, 0.3862, 0.4905



30.6092, 0.1644, 0.2217



30.6092, 0.2252, 0.1985

Sweetspot

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



30.6108, 0.4831, 0.4042



79.5713, 0.3503, 0.3534



19.8821, 0.4107, 0.2346



16.5158, 0.3561, 0.3567



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.



30.6108, 0.4831, 0.4042



38.7954, 0.5251, 0.4051



57.7676, 0.4146, 0.4774



13.3265, 0.3280, 0.3395



13.8719, 0.5551, 0.3974



1.0005, 0.5259, 0.4207

Inverse Universe

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



26.4306, 0.2063, 0.2235



32.0954, 0.1915, 0.1977



10.5286, 0.1792, 0.1147



13.1350, 0.2982, 0.3183



11.0117, 0.1824, 0.1766



0.8283, 0.1904, 0.2053

Previews

White Background



This preview shows how the Yxy color 30.6092, 0.4831, 0.4042 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 30.6092, 0.4831, 0.4042 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 30.6092, 0.4831, 0.4042

Background



This preview shows how black text looks on a background with the Yxy color 30.6092, 0.4831, 0.4042.



This preview shows how white text looks on a background with the Yxy color 30.6092, 0.4831, 0.4042.

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

30.6092, 0.4831, 0.4042

Protanopia

30.7661, 0.4080, 0.4476

Deuteranopia

30.6418, 0.4460, 0.4363



Tritanopia

30.4632, 0.4177, 0.3184

Trichromacy



Original Color

30.6092, 0.4831, 0.4042

Protanomaly

30.2286, 0.4356, 0.4307

Deuteranomaly

30.3630, 0.4600, 0.4245

Tritanomaly

30.4596, 0.4457, 0.3522

Monochromacy



Original Color

30.6092, 0.4831, 0.4042

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.9686, 0.3731, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6092, 0.4831, 0.4042 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, 130, 62)` looks like.

```
.text, #text, p{  
    color:rgb(214, 130, 62)  
}
```

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, 130, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 130, 62) }
```

Border

The CSS property to change the border of an element to Yxy 30.6092, 0.4831, 0.4042 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, 130, 62) }
```

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

```
.border{ border-color:rgb(214, 130, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 130, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 130, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 130, 62);  
box-shadow:4px 4px 4px 4px rgb(214, 130,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6092, 0.4831, 0.4042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 130, 62) }
```

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

```
.background{ background-color: rgb(214,  
130, 62) }
```

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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