

Converting Colors

$Yxy(27.7898, 0.4888, 0.4456)$

Have a look what the booklet for
Yxy(27.7898, 0.4888, 0.4456)
contains.

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Color

$Yxy(27.7285, 0.4888, 0.4454)$

Conversions

Conversions Part 1

Format	Color
Hex	C2830C
RGB	194, 131, 12
RGB Percent	76%, 51%, 5%
CMY	0.2392, 0.4862, 0.9529
CMYK	0.00, 0.32, 0.94, 0.24
HSL	39°, 88%, 40%
HSV	39°, 94%, 76%
XYZ	30.4304, 27.7285, 4.0964
YIQ	136.2710, 75.7470, -23.6530

Conversions

Conversions Part 2

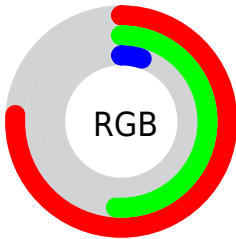
Format	Color
R _Y B	108, 194, 12
Decimal	12747532
CIE Lab	59.64, 16.01, 63.40
CIE LCh	60, 65.392, 75.831
Yxy	27.7285, 0.4888, 0.4454
Android (android.graphics.Color)	4290937612 (0xFFC2830C)
YUV	136.2710, -61.2656, 50.6283
Hunter-Lab	52.6579, 11.0019, 32.2482

Details

The Yxy color **27.7285, 0.4888, 0.4454** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **9.0064, 0.1687, 0.1225**, and the grayscale version is **24.9423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0354, 0.4593, 0.4317**, and **11.1855, 0.5068, 0.4358** is the 20% darker color. If you saturate the color by 10%, you get **26.6082, 0.4970, 0.4435**, and if you desaturate by 10%, it is **29.6673, 0.4737, 0.4454**.

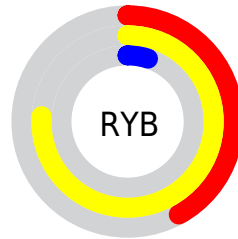
Distribution



Red (76%)

Green (51%)

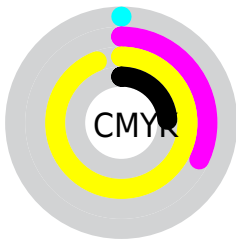
Blue (5%)



Red (42%)

Yellow (76%)

Blue (5%)

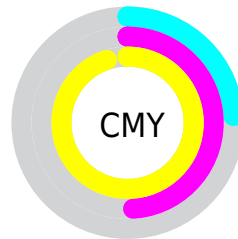


Cyan (0%)

Magenta (32%)

Yellow (94%)

Black (24%)



Cyan (24%)


Magenta (49%)

Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7285, 0.4888, 0.4454 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 27.7285, 0.4888, 0.4454 by changing the saturation by 10% instead.


 27.7285, 0.4888,
0.4454


 27.7285, 0.4888,
0.4454


291.1673, 0.4017,
0.3955


 18.1211, 0.5064,
0.4517


 56.0507, 0.4594,
0.4311


 11.0370, 0.5280,
0.4576


 75.5343, 0.4475,
0.4245

 6.0917, 0.5458,
0.4542


 99.0787, 0.4372,
0.4183

 2.9009, 0.5613,
0.4387

 127.0683, 0.4282,
0.4128

 1.0802, 0.5878,
0.4122

 159.8876, 0.4203,
0.4078

 0.0000, 1.0000,
0.0000


 197.9210, 0.4134,

 0.0000, 0.0000,


0.4033

0.0000

 241.5527, 0.4072,
0.3992

 27.7285, 0.4888,
0.4454


 27.7285, 0.4888,
0.4454


 26.6082, 0.4970,
0.4435

 29.6673, 0.4737,
0.4454

 31.7854, 0.4555,
0.4404

 34.0959, 0.4353,
0.4308

 36.6088, 0.4140,
0.4178

 39.3330, 0.3927,
0.4023

■ 42.2764, 0.3720,
0.3856

■ 45.4466, 0.3526,
0.3684

■ 48.8506, 0.3347,
0.3514

■ 52.4948, 0.3185,
0.3350

Harmonies

Analogous

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



27.7285, 0.5225, 0.3713



27.7285, 0.4888, 0.4454



27.7285, 0.4109, 0.5118

Triad

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



27.7285, 0.4888, 0.4454



27.7285, 0.1612, 0.3227



27.7285, 0.2791, 0.1962

Complementary

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



27.7285, 0.4888, 0.4454



9.0064, 0.1687, 0.1225

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.



27.7285, 0.1970, 0.1766



27.7285, 0.4888, 0.4454



27.7285, 0.1394, 0.2303

Square

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



27.7285, 0.4888, 0.4454



27.7285, 0.2226, 0.4480



27.7285, 0.1516, 0.1855



27.7285, 0.3893, 0.2403

Rectangle

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



27.7285, 0.4888, 0.4454



27.7285, 0.3474, 0.5316



27.7285, 0.1516, 0.1855



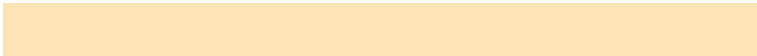
27.7285, 0.2476, 0.1867

Sweetspot

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



27.7299, 0.4888, 0.4454



79.6246, 0.3614, 0.3764



12.2501, 0.5402, 0.2795



16.8908, 0.3701, 0.3839



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.



27.7299, 0.4888, 0.4454



47.7141, 0.4985, 0.4424



46.7916, 0.3934, 0.5225



11.1523, 0.3273, 0.3440



17.6526, 0.4957, 0.4446



0.8873, 0.4746, 0.4614

Inverse Universe

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



9.0064, 0.1687, 0.1225



13.9354, 0.1633, 0.1080



4.5958, 0.1607, 0.0689



10.3054, 0.2984, 0.3135



5.3513, 0.1648, 0.1131



0.3610, 0.1777, 0.1597

Previews

White Background



This preview shows how the Yxy color 27.7285, 0.4888, 0.4454 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 27.7285, 0.4888, 0.4454 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 27.7285, 0.4888, 0.4454

Background



This preview shows how black text looks on a background with the Yxy color 27.7285, 0.4888, 0.4454.



This preview shows how white text looks on a background with the Yxy color 27.7285, 0.4888, 0.4454.

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

27.7285, 0.4888, 0.4454

Protanopia

27.6684, 0.4366, 0.4837

Deuteranopia

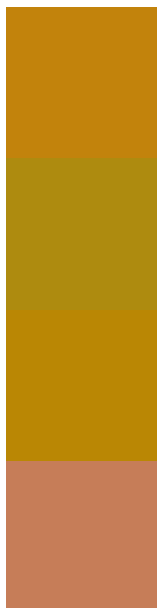
27.8364, 0.4709, 0.4643



Tritanopia

27.8371, 0.3976, 0.3173

Trichromacy



Original Color

27.7285, 0.4888, 0.4454

Protanomaly

27.4984, 0.4567, 0.4691

Deuteranomaly

27.7758, 0.4770, 0.4579

Tritanomaly

27.3776, 0.4462, 0.3772

Monochromacy



Original Color

27.7285, 0.4888, 0.4454

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.9736, 0.3877, 0.3981

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7285, 0.4888, 0.4454 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, 131, 12)` looks like.

```
.text, #text, p{  
    color:rgb(194, 131, 12)  
}
```

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, 131, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 131, 12) }
```

Border

The CSS property to change the border of an element to Yxy 27.7285, 0.4888, 0.4454 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, 131, 12) }
```

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

```
.border{ border-color:rgb(194, 131, 12) }
```

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

Here you see how a box with a 4 pixel rgb(194, 131, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 131, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 131, 12);  
box-shadow:4px 4px 4px 4px rgb(194, 131,  
12) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7285, 0.4888, 0.4454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 131, 12) }
```

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

```
.background{ background-color: rgb(194,  
131, 12) }
```

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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