

Converting Colors

$Y_{xy}(22.4457, 0.4962, 0.3556)$

Have a look what the booklet for
Yxy(22.4457, 0.4962, 0.3556)
contains.

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Color

Yxy(22.5088, 0.4962, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	CF624B
RGB	207, 98, 75
RGB Percent	81%, 38%, 29%
CMY	0.1882, 0.6157, 0.7059
CMYK	0.00, 0.53, 0.64, 0.19
HSL	10°, 58%, 55%
HSV	10°, 64%, 81%
XYZ	31.3732, 22.5088, 9.3449
YIQ	127.9690, 72.3470, 15.9550

Conversions

Conversions Part 2

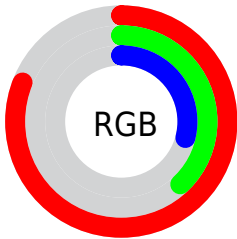
Format	Color
R _Y B	207, 103, 75
Decimal	13591115
CIE Lab	54.56, 41.40, 33.44
CIE LCh	55, 53.218, 38.929
Yxy	22.5088, 0.4962, 0.3560
Android (android.graphics.Color)	4291781195 (0xFFCF624B)
YUV	127.9690, -26.1137, 69.3102
Hunter-Lab	47.4434, 35.0118, 21.5320

Details

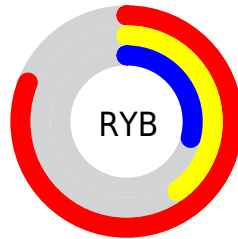
The Yxy color **22.5088, 0.4962, 0.3560** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **40.2861, 0.2289, 0.2946**, and the grayscale version is **21.6482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.8485, 0.4455, 0.3572**, and **8.2508, 0.5608, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **19.4070, 0.5387, 0.3562**, and if you desaturate by 10%, it is **26.3884, 0.4551, 0.3535**.

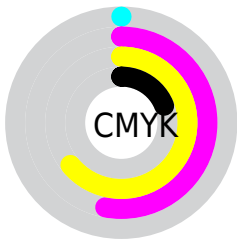
Distribution



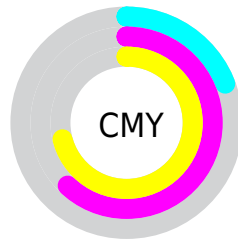
- Red (81%)
- Green (38%)
- Blue (29%)



- Red (81%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (53%)
- Yellow (64%)
- Black (19%)



- Cyan (19%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.5088, 0.4962, 0.3560 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 22.5088, 0.4962, 0.3560 by changing the saturation by 10% instead.


 22.5088, 0.4962,
0.3560


 22.5088, 0.4962,
0.3560


265.1920, 0.3940,
0.3483


 14.2312, 0.5241,
0.3546


 47.5855, 0.4570,
0.3553

 8.2817, 0.5606,
0.3501


 65.1534, 0.4428,
0.3543

 4.2757, 0.6108,
0.3397

 86.5869, 0.4311,
0.3533

 1.8290, 0.6833,
0.3167

 112.2704, 0.4213,
0.3522

 0.5051, 0.7680,
0.2320

 142.5883, 0.4129,
0.3511

 0.0000, 1.0000,
0.0000

177.9249, 0.4057,

 0.0000, 0.0000,

0.3501

0.0000

218.6646, 0.3995,
0.3491

■ 22.5088, 0.4962,
0.3560

■ 22.5088, 0.4962,
0.3560

■ 19.4070, 0.5387,
0.3562

■ 26.3884, 0.4551,
0.3535

■ 17.0260, 0.5780,
0.3535

■ 31.0901, 0.4180,
0.3495

■ 15.3067, 0.6089,
0.3476

■ 36.6593, 0.3861,
0.3448

■ 14.5343, 0.6231,
0.3434

■ 43.1370, 0.3593,
0.3399

■ 50.5614, 0.3371,
0.3351

■ 58.9688, 0.3188,
0.3306

■ 68.3932, 0.3037,
0.3265

■ 78.8674, 0.2912,
0.3227

■ 90.0097, 0.2842,
0.3257

Harmonies

Analogous

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



22.5088, 0.4490, 0.2928



22.5088, 0.4962, 0.3560



22.5088, 0.4822, 0.4225

Triad

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



22.5088, 0.4962, 0.3560



22.5088, 0.2521, 0.4528



22.5088, 0.1970, 0.1913

Complementary

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



22.5088, 0.4962, 0.3560



40.2861, 0.2289, 0.2946

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.



22.5088, 0.1622, 0.2074



22.5088, 0.4962, 0.3560



22.5088, 0.1878, 0.3492

Square

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



22.5088, 0.4962, 0.3560



22.5088, 0.3380, 0.5043



22.5088, 0.1584, 0.2585



22.5088, 0.2641, 0.2032

Rectangle

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



22.5088, 0.4962, 0.3560



22.5088, 0.4457, 0.4643



22.5088, 0.1584, 0.2585



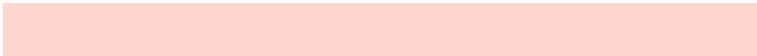
22.5088, 0.1819, 0.1933

Sweetspot

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



22.5100, 0.4962, 0.3560



74.3403, 0.3486, 0.3377



21.8015, 0.3460, 0.2038



15.1930, 0.3553, 0.3391



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.



22.5100, 0.4962, 0.3560



29.3774, 0.5557, 0.3555



39.9727, 0.4344, 0.4329



12.1365, 0.3286, 0.3331



9.2527, 0.6212, 0.3450



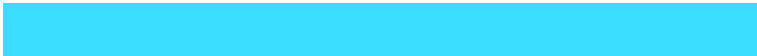
0.6217, 0.5878, 0.3715

Inverse Universe

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



40.2861, 0.2289, 0.2946



59.7378, 0.2182, 0.2857



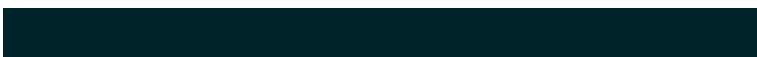
19.1939, 0.2043, 0.1889



13.0419, 0.2983, 0.3248



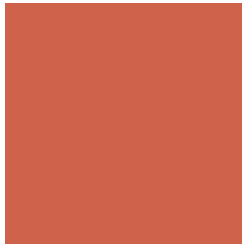
21.2954, 0.2091, 0.2728



1.2851, 0.2123, 0.2842

Previews

White Background



This preview shows how the Yxy color 22.5088, 0.4962, 0.3560 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 22.5088, 0.4962, 0.3560 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 22.5088, 0.4962, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 22.5088, 0.4962, 0.3560.



This preview shows how white text looks on a background with the Yxy color 22.5088, 0.4962, 0.3560.

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

22.5088, 0.4962, 0.3560

Protanopia

22.6715, 0.3752, 0.4052

Deuteranopia

22.6865, 0.4224, 0.4142



Tritanopia

22.5339, 0.4640, 0.3222

Trichromacy



Original Color

22.5088, 0.4962, 0.3560

Protanomaly

21.9252, 0.4193, 0.3849

Deuteranomaly

22.1943, 0.4508, 0.3899

Tritanomaly

22.5483, 0.4762, 0.3342

Monochromacy



Original Color

22.5088, 0.4962, 0.3560

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.9948, 0.3755, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5088, 0.4962, 0.3560 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(207, 98, 75)` looks like.

```
.text, #text, p{  
    color:rgb(207, 98, 75)  
}
```

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(207, 98, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 98, 75) }
```

Border

The CSS property to change the border of an element to Yxy 22.5088, 0.4962, 0.3560 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(207, 98, 75) }
```

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

```
.border{ border-color:rgb(207, 98, 75) }
```

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

Here you see how a box with a 4 pixel rgb(207, 98, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 98, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 98, 75);  
box-shadow:4px 4px 4px 4px rgb(207, 98,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5088, 0.4962, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 98, 75) }
```

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

```
.background{ background-color: rgb(207, 98,  
75) }
```

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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