

Converting Colors

$Yxy(24.9227, 0.4427, 0.3503)$

Have a look what the booklet for
Yxy(24.9227, 0.4427, 0.3503)
contains.

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Color

Yxy(24.9222, 0.4430, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	C67262
RGB	198, 114, 98
RGB Percent	78%, 45%, 38%
CMY	0.2234, 0.5530, 0.6157
CMYK	0.00, 0.42, 0.51, 0.22
HSL	10°, 47%, 58%
HSV	10°, 51%, 78%
XYZ	31.5174, 24.9222, 14.7057
YIQ	137.2920, 55.2000, 12.8320

Conversions

Conversions Part 2

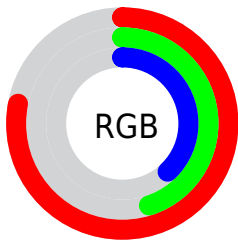
Format	Color
R_{YB}	198, 117, 98
Decimal	13005410
CIE _{Lab}	57.00, 31.42, 23.25
CIE _{LCh}	57, 39.089, 36.493
Yxy	24.9222, 0.4430, 0.3503
Android (android.graphics.Color)	4291195490 (0xFFC67262)
YUV	137.2920, -19.3710, 53.2409
Hunter-Lab	49.9221, 25.3288, 17.4802

Details

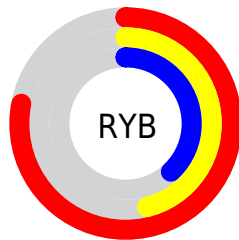
The Yxy color **24.9222, 0.4430, 0.3503** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.1538, 0.2429, 0.3050**, and the grayscale version is **25.1918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0674, 0.4124, 0.3482**, and **9.4813, 0.4908, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **21.1766, 0.4834, 0.3531**, and if you desaturate by 10%, it is **29.4457, 0.4073, 0.3464**.

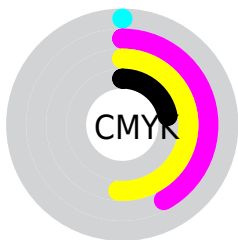
Distribution



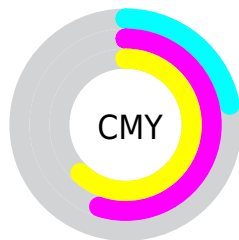
- Red (78%)
- Green (45%)
- Blue (38%)



- Red (78%)
- Yellow (46%)
- Blue (38%)



- Cyan (0%)
- Magenta (42%)
- Yellow (51%)
- Black (22%)




- Cyan (22%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9222, 0.4430, 0.3503 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 24.9222, 0.4430, 0.3503 by changing the saturation by 10% instead.

 24.9222, 0.4430,
0.3503


 24.9222, 0.4430,
0.3503


277.4503, 0.3706,
0.3420


 16.0191, 0.4634,
0.3510


 51.5310, 0.4150,
0.3481


 9.5377, 0.4909,
0.3508


 70.0055, 0.4049,
0.3470

 5.0935, 0.5293,
0.3481


 92.4392, 0.3967,
0.3460

 2.3022, 0.5936,
0.3432

 119.2165, 0.3898,
0.3450

 0.7749, 0.6859,
0.3141

150.7219, 0.3839,
0.3442

 0.0000, 1.0000,
0.0000

187.3398, 0.3789,

 0.0000, 0.0000,

0.3434

0.0000

229.4544, 0.3745,
0.3426

■ 24.9222, 0.4430,
0.3503

■ 24.9222, 0.4430,
0.3503

■ 21.1766, 0.4834,
0.3531

■ 29.4457, 0.4073,
0.3464

■ 18.1610, 0.5262,
0.3541

■ 34.7839, 0.3769,
0.3420

■ 15.8283, 0.5676,
0.3524

■ 40.9755, 0.3516,
0.3375

■ 14.1239, 0.6019,
0.3477

■ 48.0560, 0.3307,
0.3332

■ 13.0238, 0.6250,
0.3419

■ 56.0586, 0.3135,
0.3292

■ 65.0149, 0.2994,
0.3255

■ 74.9550, 0.2877,
0.3221

■ 85.8150, 0.2788,
0.3206

■ 90.7503, 0.2795,
0.3289

Harmonies

Analogous

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



24.9222, 0.4052, 0.3007



24.9222, 0.4430, 0.3503



24.9222, 0.4400, 0.4004

Triad

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



24.9222, 0.4430, 0.3503



24.9222, 0.2763, 0.4178



24.9222, 0.2237, 0.2257

Complementary

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



24.9222, 0.4430, 0.3503



40.1538, 0.2429, 0.3050

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.



24.9222, 0.1978, 0.2424



24.9222, 0.4430, 0.3503



24.9222, 0.2248, 0.3511

Square

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



24.9222, 0.4430, 0.3503



24.9222, 0.3409, 0.4515



24.9222, 0.1978, 0.2854



24.9222, 0.2736, 0.2324

Rectangle

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



24.9222, 0.4430, 0.3503



24.9222, 0.4173, 0.4292



24.9222, 0.1978, 0.2854



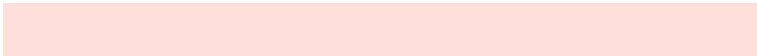
24.9222, 0.2123, 0.2285

Sweetspot

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



24.9235, 0.4430, 0.3503



78.9575, 0.3400, 0.3352



24.1668, 0.3355, 0.2239



16.3320, 0.3445, 0.3362



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.



24.9235, 0.4430, 0.3503



36.6598, 0.4893, 0.3534



39.0951, 0.4074, 0.4125



10.9061, 0.3286, 0.3328



8.5496, 0.6232, 0.3434



0.4935, 0.5872, 0.3720

Inverse Universe

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



40.1538, 0.2429, 0.3050



66.5759, 0.2314, 0.2987



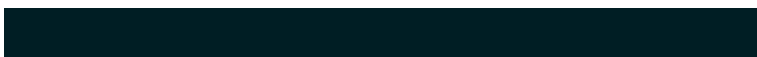
23.4550, 0.2276, 0.2259



11.7678, 0.2984, 0.3252



20.5796, 0.2105, 0.2779



1.0539, 0.2138, 0.2896

Previews

White Background



This preview shows how the Yxy color 24.9222, 0.4430, 0.3503 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 24.9222, 0.4430, 0.3503 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 24.9222, 0.4430, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 24.9222, 0.4430, 0.3503.



This preview shows how white text looks on a background with the Yxy color 24.9222, 0.4430, 0.3503.

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

24.9222, 0.4430, 0.3503

Protanopia

25.0850, 0.3541, 0.3779

Deuteranopia

24.9513, 0.3937, 0.3854



Tritanopia

24.9801, 0.4190, 0.3188

Trichromacy



Original Color

24.9222, 0.4430, 0.3503

Protanomaly

24.6993, 0.3857, 0.3683

Deuteranomaly

24.7419, 0.4113, 0.3721

Tritanomaly

24.8782, 0.4282, 0.3307

Monochromacy



Original Color

24.9222, 0.4430, 0.3503

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.5015, 0.3556, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9222, 0.4430, 0.3503 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(198, 114, 98)` looks like.

```
.text, #text, p{  
    color:rgb(198, 114, 98)  
}
```

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(198, 114, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 114, 98) }
```

Border

The CSS property to change the border of an element to Yxy 24.9222, 0.4430, 0.3503 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(198, 114, 98) }
```

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

```
.border{ border-color:rgb(198, 114, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 114, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 114, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 114, 98);  
box-shadow:4px 4px 4px 4px rgb(198, 114,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9222, 0.4430, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 114, 98) }
```

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

```
.background{ background-color: rgb(198,  
114, 98) }
```

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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