

Converting Colors

$Y_{xy}(24.5772, 0.3714, 0.3551)$

Have a look what the booklet for
Yxy(24.5772, 0.3714, 0.3551)
contains.

Yxy(24.5742, 0.3712, 0.3545)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.5742, 0.3712, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	A28171
RGB	162, 129, 113
RGB Percent	64%, 51%, 44%
CMY	0.3647, 0.4941, 0.5568
CMYK	0.00, 0.20, 0.30, 0.36
HSL	20°, 21%, 54%
HSV	20°, 30%, 64%
XYZ	25.7319, 24.5742, 19.0147
YIQ	137.0430, 24.8040, 2.0200

Conversions

Conversions Part 2

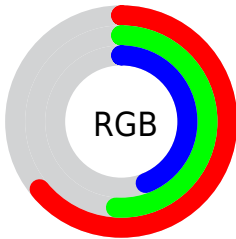
Format	Color
R_{YB}	162, 137, 113
Decimal	10649969
CIE _{Lab}	56.66, 10.27, 13.48
CIE _{LCh}	57, 16.950, 52.692
Yxy	24.5742, 0.3712, 0.3545
Android (android.graphics.Color)	4288840049 (0xFFA28171)
YUV	137.0430, -11.8532, 21.8873
Hunter-Lab	49.5724, 5.9035, 11.9586

Details

The Yxy color **24.5742, 0.3712, 0.3545** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.6825, 0.2672, 0.3019**, and the grayscale version is **25.0730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0779, 0.3586, 0.3494**, and **9.3702, 0.3930, 0.3635** is the 20% darker color. If you saturate the color by 10%, you get **21.5191, 0.3974, 0.3633**, and if you desaturate by 10%, it is **28.0038, 0.3486, 0.3457**.

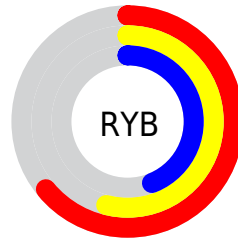
Distribution



Red (64%)

Green (51%)

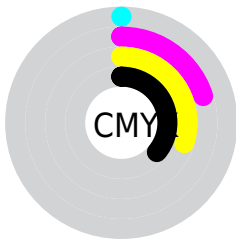
Blue (44%)



Red (64%)

Yellow (54%)

Blue (44%)

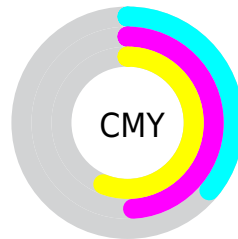


Cyan (0%)

Magenta (20%)

Yellow (30%)

Black (36%)



Cyan (36%)


Magenta (49%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5742, 0.3712, 0.3545 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 24.5742, 0.3712, 0.3545 by changing the saturation by 10% instead.


 24.5742, 0.3712,
0.3545


 24.5742, 0.3712,
0.3545


275.7107, 0.3386,
0.3411

 15.7601, 0.3806,
0.3580


 50.9656, 0.3585,
0.3495

 9.3546, 0.3936,
0.3626


 69.3117, 0.3540,
0.3476

 4.9732, 0.4126,
0.3687

 91.6039, 0.3503,
0.3461

 2.2315, 0.4425,
0.3769

 118.2267, 0.3472,
0.3448

 0.7371, 0.5647,
0.4353

149.5643, 0.3445,
0.3436

 0.0000, 0.0000,
0.0000

186.0013, 0.3423,

0.3427

227.9220, 0.3403,
0.3418

■ 24.5742, 0.3712,
0.3545

■ 24.5742, 0.3712,
0.3545

■ 21.5191, 0.3974,
0.3633

■ 28.0038, 0.3486,
0.3457

■ 18.8221, 0.4272,
0.3715

■ 31.8168, 0.3294,
0.3372

■ 16.4703, 0.4603,
0.3782


■ 36.0262, 0.3131,
0.3292


■ 14.4490, 0.4953,
0.3824


■ 40.6433, 0.2992,
0.3218

■ 12.7420, 0.5300,
0.3829

■ 45.6789, 0.2874,
0.3149


 11.3317, 0.5615,
0.3788

 51.1433, 0.2774,
0.3087

 10.2157, 0.5878,
0.3714

 57.0465, 0.2688,
0.3030

 63.3984, 0.2615,
0.2979

 69.9598, 0.2570,
0.2972

Harmonies

Analogous

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



24.5742, 0.3634, 0.3303



24.5742, 0.3712, 0.3545



24.5742, 0.3624, 0.3736

Triad

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



24.5742, 0.3712, 0.3545



24.5742, 0.2837, 0.3522



24.5742, 0.2840, 0.2808

Complementary

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



24.5742, 0.3712, 0.3545



26.6825, 0.2672, 0.3019

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.



24.5742, 0.2645, 0.2841



24.5742, 0.3712, 0.3545



24.5742, 0.2643, 0.3243

Square

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



24.5742, 0.3712, 0.3545



24.5742, 0.3113, 0.3738



24.5742, 0.2575, 0.2994



24.5742, 0.3119, 0.2892

Rectangle

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



24.5742, 0.3712, 0.3545



24.5742, 0.3488, 0.3804



24.5742, 0.2575, 0.2994



24.5742, 0.2763, 0.2806

Sweetspot

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



24.5753, 0.3712, 0.3545



58.5408, 0.3275, 0.3363



21.5860, 0.3346, 0.2774



12.9188, 0.3300, 0.3375



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.5753, 0.3712, 0.3545



40.9609, 0.3877, 0.3602



31.6628, 0.3608, 0.3902



7.4460, 0.3277, 0.3364



8.1197, 0.5863, 0.3727



0.2536, 0.5198, 0.4254

Inverse Universe

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



26.6825, 0.2672, 0.3019



45.3734, 0.2578, 0.2952



20.0389, 0.2625, 0.2592



7.6197, 0.2987, 0.3215



10.7744, 0.1947, 0.2209



0.3067, 0.2069, 0.2647

Previews

White Background



This preview shows how the Yxy color 24.5742, 0.3712, 0.3545 looks on a white background.

Color Contrast Check

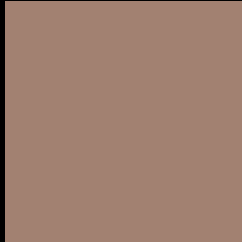
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5742, 0.3712, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

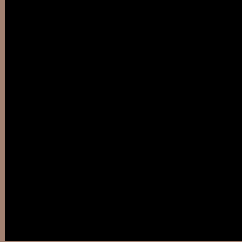
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5742, 0.3712, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 24.5742, 0.3712, 0.3545.



This preview shows how white text looks on a background with the Yxy color 24.5742, 0.3712, 0.3545.

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

24.5742, 0.3712, 0.3545

Protanopia

24.7089, 0.3421, 0.3631

Deuteranopia

24.5930, 0.3642, 0.3583



Tritanopia

24.5635, 0.3483, 0.3152

Trichromacy



Original Color

24.5742, 0.3712, 0.3545

Protanomaly

24.4969, 0.3526, 0.3590

Deuteranomaly

24.5284, 0.3671, 0.3564

Tritanomaly

24.4976, 0.3564, 0.3291

Monochromacy



Original Color

24.5742, 0.3712, 0.3545

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.7197, 0.3330, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5742, 0.3712, 0.3545 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(162, 129, 113)` looks like.

```
.text, #text, p{  
    color:rgb(162, 129, 113)  
}
```

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(162, 129, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 129, 113) }
```

Border

The CSS property to change the border of an element to Yxy 24.5742, 0.3712, 0.3545 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(162, 129, 113) }
```

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

```
.border{ border-color:rgb(162, 129, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 129, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 129, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 129, 113);  
box-shadow:4px 4px 4px 4px rgb(162, 129,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5742, 0.3712, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 129, 113) }
```

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

```
.background{ background-color: rgb(162,  
129, 113) }
```

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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