

Converting Colors

$Yxy(23.0292, 0.3673, 0.3407)$

Have a look what the booklet for
Yxy(23.0292, 0.3673, 0.3407)
contains.

Yxy(22.9005, 0.3676, 0.3404)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.9005, 0.3676, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	A07B74
RGB	160, 123, 116
RGB Percent	63%, 48%, 45%
CMY	0.3726, 0.5176, 0.5450
CMYK	0.00, 0.23, 0.27, 0.37
HSL	10°, 19%, 54%
HSV	10°, 27%, 63%
XYZ	24.7304, 22.9005, 19.6444
YIQ	133.2650, 24.2990, 5.6670

Conversions

Conversions Part 2

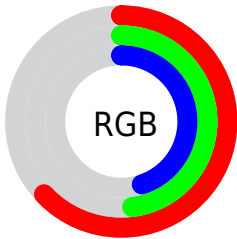
Format	Color
RYB	160, 124, 116
Decimal	10517364
CIELab	54.97, 13.30, 9.35
CIELCh	55, 16.257, 35.109
Yxy	22.9005, 0.3676, 0.3404
Android (android.graphics.Color)	4288707444 (0xFFA07B74)
YUV	133.2650, -8.5116, 23.4466
Hunter-Lab	47.8545, 8.5005, 9.1594

Details

The Yxy color $22.9005, 0.3676, 0.3404$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $29.0293, 0.2725, 0.3172$, and the grayscale version is $23.5825, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.3249, 0.3548, 0.3388$, and $8.4407, 0.3886, 0.3432$ is the 20% darker color. If you saturate the color by 10%, you get $19.4488, 0.3957, 0.3448$, and if you desaturate by 10%, it is $26.8771, 0.3442, 0.3361$.

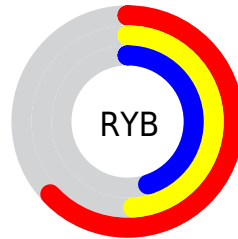
Distribution



Red (63%)

Green (48%)

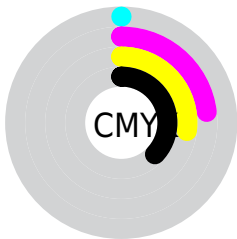
Blue (45%)



Red (63%)

Yellow (49%)

Blue (45%)

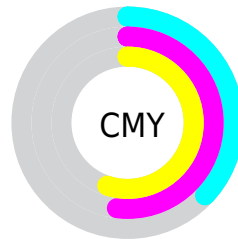


Cyan (0%)

Magenta (23%)

Yellow (27%)

Black (37%)



Cyan (37%)


Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9005, 0.3676, 0.3404 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 22.9005, 0.3676, 0.3404 by changing the saturation by 10% instead.


 22.9005, 0.3676,
0.3404


 22.9005, 0.3676,
0.3404


267.2135, 0.3367,
0.3346

 14.5201, 0.3767,
0.3418


 48.2299, 0.3554,
0.3383

 8.4833, 0.3895,
0.3436


 65.9476, 0.3511,
0.3375

 4.4057, 0.4085,
0.3457

 87.5466, 0.3476,
0.3368

 1.9030, 0.4396,
0.3478

113.4112, 0.3447,
0.3363

 0.5502, 0.6064,
0.3936

143.9258, 0.3422,
0.3358

 0.0000, 0.0000,
0.0000

179.4748, 0.3401,

0.3353

220.4425, 0.3383,
0.3349

■ 22.9005, 0.3676,
0.3404

■ 22.9005, 0.3676,
0.3404

■ 19.4488, 0.3957,
0.3448

■ 26.8771, 0.3442,
0.3361

■ 16.4970, 0.4290,
0.3488

■ 31.3961, 0.3249,
0.3319

■ 14.0227, 0.4671,
0.3521

■ 36.4780, 0.3090,
0.3281

■ 12.0006, 0.5088,
0.3539

■ 42.1412, 0.2959,
0.3245

■ 10.4031, 0.5507,
0.3533

■ 48.4034, 0.2850,
0.3213

■ 9.1991, 0.5882,
0.3500

■ 55.2815, 0.2759,
0.3184

■ 8.3514, 0.6167,
0.3445

■ 62.7917, 0.2683,
0.3158

■ 8.1864, 0.6231,
0.3435

■ 70.9497, 0.2619,
0.3134

■ 79.4444, 0.2588,
0.3167

Harmonies

Analogous

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



22.9005, 0.3511, 0.3164



22.9005, 0.3676, 0.3404



22.9005, 0.3685, 0.3628

Triad

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



22.9005, 0.3676, 0.3404



22.9005, 0.2996, 0.3655



22.9005, 0.2720, 0.2821

Complementary

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



22.9005, 0.3676, 0.3404



29.0293, 0.2725, 0.3172

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.



22.9005, 0.2597, 0.2924



22.9005, 0.3676, 0.3404



22.9005, 0.2751, 0.3407

Square

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



22.9005, 0.3676, 0.3404



22.9005, 0.3284, 0.3792



22.9005, 0.2608, 0.3135



22.9005, 0.2952, 0.2838

Rectangle

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



22.9005, 0.3676, 0.3404



22.9005, 0.3602, 0.3739



22.9005, 0.2608, 0.3135



22.9005, 0.2665, 0.2842

Sweetspot

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



22.9016, 0.3676, 0.3404



56.4374, 0.3261, 0.3322



22.2788, 0.3234, 0.2717



12.1077, 0.3287, 0.3328



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



22.9016, 0.3676, 0.3404



37.6238, 0.3843, 0.3431



28.8596, 0.3589, 0.3738



6.8082, 0.3280, 0.3326



6.4235, 0.6218, 0.3445



0.1569, 0.5659, 0.3889

Inverse Universe

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



29.0293, 0.2725, 0.3172



50.6360, 0.2642, 0.3143



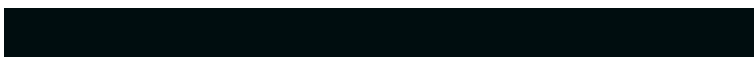
22.5927, 0.2689, 0.2797



7.3296, 0.2988, 0.3254



15.4293, 0.2107, 0.2787



0.3198, 0.2169, 0.3008

Previews

White Background



This preview shows how the Yxy color 22.9005, 0.3676, 0.3404 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 22.9005, 0.3676, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

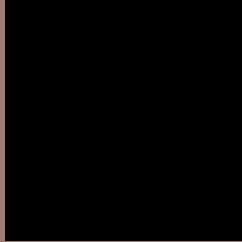
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9005, 0.3676, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 22.9005, 0.3676, 0.3404.



This preview shows how white text looks on a background with the Yxy color 22.9005, 0.3676, 0.3404.

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

22.9005, 0.3676, 0.3404

Protanopia

22.9070, 0.3318, 0.3483

Deuteranopia

22.9006, 0.3547, 0.3492



Tritanopia

22.9678, 0.3533, 0.3149

Trichromacy



Original Color

22.9005, 0.3676, 0.3404

Protanomaly

22.7900, 0.3434, 0.3444

Deuteranomaly

23.0295, 0.3601, 0.3473

Tritanomaly

22.9768, 0.3580, 0.3244

Monochromacy



Original Color

22.9005, 0.3676, 0.3404

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.0725, 0.3315, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9005, 0.3676, 0.3404 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(160, 123, 116)` looks like.

```
.text, #text, p{  
    color:rgb(160, 123, 116)  
}
```

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(160, 123, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 123, 116) }
```

Border

The CSS property to change the border of an element to Yxy 22.9005, 0.3676, 0.3404 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(160, 123, 116) }
```

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

```
.border{ border-color:rgb(160, 123, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 123, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 123, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 123, 116);  
box-shadow:4px 4px 4px 4px rgb(160, 123,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9005, 0.3676, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 123, 116) }
```

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

```
.background{ background-color: rgb(160,  
123, 116) }
```

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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