

Converting Colors

$Y_{xy}(23.0968, 0.3040, 0.3339)$

Have a look what the booklet for
Yxy(23.0968, 0.3040, 0.3339)
contains.

Yxy(23.0012, 0.3036, 0.3326)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.0012, 0.3036, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	7C8684
RGB	124, 134, 132
RGB Percent	49%, 53%, 52%
CMY	0.5139, 0.4744, 0.4824
CMYK	0.08, 0.00, 0.02, 0.47
HSL	168°, 4%, 51%
HSV	168°, 8%, 53%
XYZ	20.9957, 23.0012, 25.1589
YIQ	130.7820, -5.3180, -2.7420

Conversions

Conversions Part 2

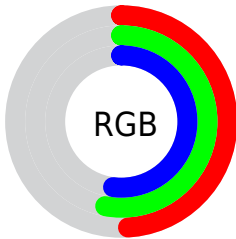
Format	Color
RYB	124, 130, 134
Decimal	8160900
CIELab	55.07, -4.10, -0.19
CIELCh	55, 4.105, 182.602
Yxy	23.0012, 0.3036, 0.3326
Android (android.graphics.Color)	4286350980 (0xFF7C8684)
YUV	130.7820, 0.6005, -5.9478
Hunter-Lab	47.9596, -5.7857, 2.4691

Details

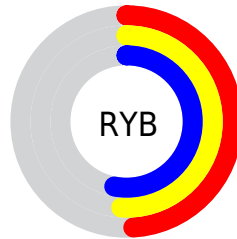
The Yxy color $23.0012, 0.3036, 0.3326$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $20.9776, 0.3227, 0.3254$, and the grayscale version is $22.6118, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.3905, 0.3060, 0.3316$, and $8.4610, 0.2992, 0.3317$ is the 20% darker color. If you saturate the color by 10%, you get $21.9982, 0.2919, 0.3378$, and if you desaturate by 10%, it is $24.1438, 0.3158, 0.3279$.

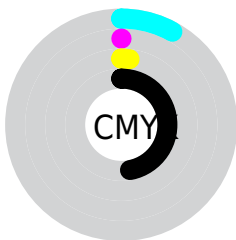
Distribution



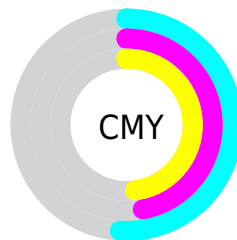
- Red (49%)
- Green (53%)
- Blue (52%)



- Red (49%)
- Yellow (51%)
- Blue (53%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (47%)



- Cyan (51%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.0012, 0.3036, 0.3326 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 23.0012, 0.3036, 0.3326 by changing the saturation by 10% instead.

■ 23.0012, 0.3036,
0.3326

■ 23.0012, 0.3036,
0.3326

267.7312, 0.3087,
0.3306

■ 14.5944, 0.3021,
0.3332

■ 48.3953, 0.3056,
0.3318

■ 8.5352, 0.3000,
0.3340

■ 66.1514, 0.3063,
0.3315

■ 4.4393, 0.2970,
0.3352

■ 87.7927, 0.3069,
0.3313

■ 1.9222, 0.2919,
0.3371

113.7036, 0.3074,
0.3311

■ 0.5617, 0.2677,
0.3467

144.2685, 0.3078,
0.3310

■ 0.0000, 0.0000,
0.0000

179.8718, 0.3081,

0.3308

220.8979, 0.3084,
0.3307

■ 23.0012, 0.3036,
0.3326

■ 23.0012, 0.3036,
0.3326

■ 21.9982, 0.2919,
0.3378

■ 24.1438, 0.3158,
0.3279

■ 21.1263, 0.2809,
0.3435

■ 25.4282, 0.3282,
0.3236

■ 20.3807, 0.2708,
0.3495

■ 26.8602, 0.3406,
0.3198

■ 19.7553, 0.2620,
0.3560

■ 28.4445, 0.3529,
0.3164

■ 19.2431, 0.2547,
0.3627

■ 30.1855, 0.3650,
0.3135

■ 18.8367, 0.2490,
0.3697

■ 32.0875, 0.3768,
0.3109

■ 18.5277, 0.2451,
0.3768

■ 34.1546, 0.3881,
0.3086

■ 18.3064, 0.2431,
0.3839

■ 36.3906, 0.3989,
0.3067

■ 18.1530, 0.2425,
0.3910

■ 38.7996, 0.4093,
0.3051

Harmonies

Analogous

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



23.0012, 0.3102, 0.3383



23.0012, 0.3036, 0.3326



23.0012, 0.2995, 0.3260

Triad

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



23.0012, 0.3036, 0.3326



23.0012, 0.3078, 0.3170



23.0012, 0.3268, 0.3375

Complementary

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



23.0012, 0.3036, 0.3326



20.9776, 0.3227, 0.3254

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.



23.0012, 0.3262, 0.3318



23.0012, 0.3036, 0.3326



23.0012, 0.3152, 0.3200

Square

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



23.0012, 0.3036, 0.3326



23.0012, 0.3019, 0.3171



23.0012, 0.3219, 0.3254



23.0012, 0.3236, 0.3411

Rectangle

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



23.0012, 0.3036, 0.3326



23.0012, 0.2986, 0.3220



23.0012, 0.3219, 0.3254



23.0012, 0.3270, 0.3358

Sweetspot

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



23.0022, 0.3036, 0.3326



41.5848, 0.3102, 0.3300



22.9547, 0.3143, 0.3471



9.3752, 0.3104, 0.3299



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



23.0022, 0.3036, 0.3326



40.2010, 0.3016, 0.3334



22.2798, 0.3016, 0.3239



5.2632, 0.3017, 0.3334



16.9750, 0.2424, 0.3926



0.0598, 0.2331, 0.3590

Inverse Universe

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



20.9776, 0.3227, 0.3254



35.8844, 0.3251, 0.3246



21.6510, 0.3246, 0.3341



4.7029, 0.3250, 0.3246



4.8253, 0.6007, 0.3083



0.0176, 0.5061, 0.2562

Previews

White Background



This preview shows how the Yxy color 23.0012, 0.3036, 0.3326 looks on a white background.

Color Contrast Check

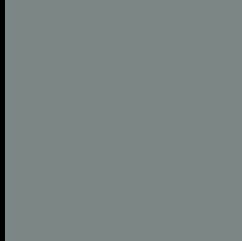
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0012, 0.3036, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

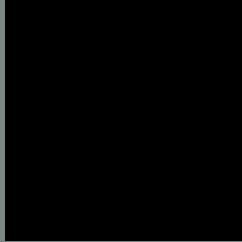
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

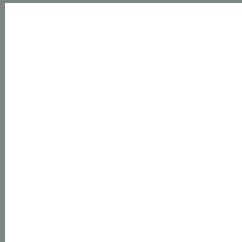
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.0012, 0.3036, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 23.0012, 0.3036, 0.3326.



This preview shows how white text looks on a background with the Yxy color 23.0012, 0.3036, 0.3326.

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

23.0012, 0.3036, 0.3326

Protanopia

22.9126, 0.3173, 0.3308

Deuteranopia

23.0611, 0.3261, 0.3206



Tritanopia

22.9213, 0.2948, 0.3098

Trichromacy



Original Color

23.0012, 0.3036, 0.3326

Protanomaly

22.8870, 0.3115, 0.3308

Deuteranomaly

22.9771, 0.3176, 0.3239

Tritanomaly

22.9991, 0.2977, 0.3184

Monochromacy



Original Color

23.0012, 0.3036, 0.3326

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.7304, 0.3092, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0012, 0.3036, 0.3326 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(124, 134, 132)` looks like.

```
.text, #text, p{  
    color:rgb(124, 134, 132)  
}
```

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(124, 134, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 134, 132) }
```

Border

The CSS property to change the border of an element to Yxy 23.0012, 0.3036, 0.3326 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(124, 134, 132) }
```

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

```
.border{ border-color:rgb(124, 134, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 134, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 134, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 134, 132);  
box-shadow:4px 4px 4px 4px rgb(124, 134,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0012, 0.3036, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 134, 132) }
```

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

```
.background{ background-color: rgb(124,  
134, 132) }
```

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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