

Converting Colors

$Y_{xy}(26.4036, 0.3352, 0.4376)$

Have a look what the booklet for
Yxy(26.4036, 0.3352, 0.4376)
contains.

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Color

Yxy(26.4024, 0.3352, 0.4376)

Conversions

Conversions Part 1

Format	Color
Hex	76965A
RGB	118, 150, 90
RGB Percent	46%, 59%, 35%
CMY	0.5372, 0.4118, 0.6470
CMYK	0.21, 0.00, 0.40, 0.41
HSL	92°, 25%, 47%
HSV	92°, 40%, 59%
XYZ	20.2241, 26.4024, 13.7080
YIQ	133.5920, 0.1880, -25.4440

Conversions

Conversions Part 2

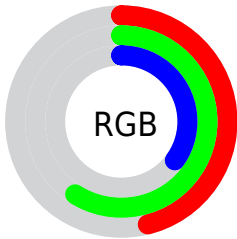
Format	Color
R_{YB}	90, 150, 122
Decimal	7771738
CIE _{Lab}	58.42, -22.26, 28.07
CIE _{LCh}	58, 35.823, 128.420
Yxy	26.4024, 0.3352, 0.4376
Android (android.graphics.Color)	4285961818 (0xFF76965A)
YUV	133.5920, -21.4909, -13.6742
Hunter-Lab	51.3833, -19.6642, 20.1509

Details

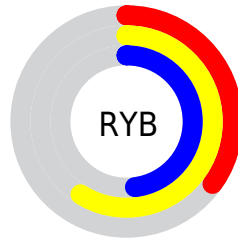
The Yxy color $26.4024, 0.3352, 0.4376$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $13.6575, 0.2798, 0.2223$, and the grayscale version is $23.7643, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.7667, 0.3316, 0.4128$, and $10.3270, 0.3386, 0.4802$ is the 20% darker color. If you saturate the color by 10%, you get $25.6366, 0.3391, 0.4672$, and if you desaturate by 10%, it is $27.2696, 0.3303, 0.4082$.

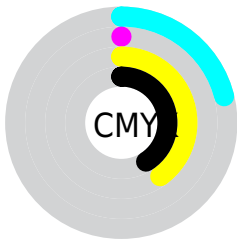
Distribution



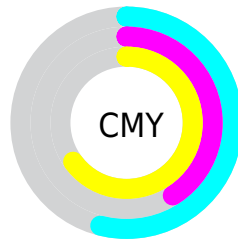
- Red (46%)
- Green (59%)
- Blue (35%)



- Red (35%)
- Yellow (59%)
- Blue (48%)



- Cyan (21%)
- Magenta (0%)
- Yellow (40%)
- Black (41%)





- Cyan (54%)
- Magenta (41%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4024, 0.3352, 0.4376 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 26.4024, 0.3352, 0.4376 by changing the saturation by 10% instead.


 26.4024, 0.3352,
0.4376


 26.4024, 0.3352,
0.4376


284.7519, 0.3247,
0.3759


 17.1249, 0.3371,
0.4558


 53.9234, 0.3318,
0.4132


 10.3236, 0.3389,
0.4809


 72.9357, 0.3303,
0.4047

 5.6140, 0.3394,
0.5174

 95.9618, 0.3291,
0.3977

 2.6118, 0.3469,
0.5944

 123.3860, 0.3280,
0.3919

 0.9326, 0.2684,
0.7316

155.5927, 0.3270,
0.3870

 0.0000, 0.0000,
0.0000

192.9663, 0.3261,

0.3827

235.8912, 0.3254,
0.3791

■ 26.4024, 0.3352,
0.4376

■ 26.4024, 0.3352,
0.4376

■ 25.6366, 0.3391,
0.4672

■ 27.2696, 0.3303,
0.4082

■ 24.9644, 0.3416,
0.4958

■ 28.2388, 0.3247,
0.3799

■ 24.3823, 0.3423,
0.5218


■ 29.3148, 0.3187,
0.3534


■ 23.8852, 0.3411,
0.5439


■ 30.5012, 0.3127,
0.3290

■ 23.4671, 0.3378,
0.5609


■ 31.8013, 0.3068,
0.3067


 23.1149, 0.3333,
0.5736

 33.2184, 0.3010,
0.2867

 23.1144, 0.3333,
0.5736

 34.7554, 0.2956,
0.2688

 36.4154, 0.2904,
0.2528

 38.2011, 0.2856,
0.2385

Harmonies

Analogous

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



26.4024, 0.3903, 0.4315



26.4024, 0.3352, 0.4376



26.4024, 0.2769, 0.4047

Triad

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



26.4024, 0.3352, 0.4376



26.4024, 0.2088, 0.2491



26.4024, 0.3990, 0.3065

Complementary

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



26.4024, 0.3352, 0.4376



13.6575, 0.2798, 0.2223

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.



26.4024, 0.3420, 0.2675



26.4024, 0.3352, 0.4376



26.4024, 0.2342, 0.2347

Square

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



26.4024, 0.3352, 0.4376



26.4024, 0.2074, 0.2872



26.4024, 0.2812, 0.2419



26.4024, 0.4309, 0.3525

Rectangle

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



26.4024, 0.3352, 0.4376



26.4024, 0.2441, 0.3663



26.4024, 0.2812, 0.2419



26.4024, 0.3818, 0.2924

Sweetspot

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



26.4036, 0.3352, 0.4376



51.2889, 0.3201, 0.3592



21.1447, 0.3877, 0.3833



11.3174, 0.3208, 0.3622



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.4036, 0.3352, 0.4376



45.3747, 0.3388, 0.4641



24.7611, 0.3055, 0.4435



6.5931, 0.3183, 0.3514



19.1890, 0.3338, 0.5732



0.2521, 0.3685, 0.5456

Inverse Universe

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



13.6575, 0.2798, 0.2223



19.6723, 0.2701, 0.1968



15.9387, 0.3198, 0.2362



5.7761, 0.3068, 0.3067



3.2608, 0.2113, 0.0937



0.0575, 0.2589, 0.1200

Previews

White Background



This preview shows how the Yxy color 26.4024, 0.3352, 0.4376 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 26.4024, 0.3352, 0.4376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

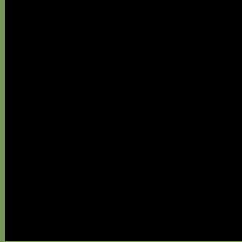
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4024, 0.3352, 0.4376

Background



This preview shows how black text looks on a background with the Yxy color 26.4024, 0.3352, 0.4376.



This preview shows how white text looks on a background with the Yxy color 26.4024, 0.3352, 0.4376.

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

26.4024, 0.3352, 0.4376

Protanopia

26.2004, 0.3842, 0.4160

Deuteranopia

26.1832, 0.3977, 0.3901



Tritanopia

26.1911, 0.2861, 0.3089

Trichromacy



Original Color

26.4024, 0.3352, 0.4376

Protanomaly

26.2101, 0.3654, 0.4254

Deuteranomaly

26.0305, 0.3735, 0.4062

Tritanomaly

26.1746, 0.3043, 0.3535

Monochromacy



Original Color

26.4024, 0.3352, 0.4376

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.6534, 0.3218, 0.3681

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4024, 0.3352, 0.4376 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(118, 150, 90)` looks like.

```
.text, #text, p{  
    color:rgb(118, 150, 90)  
}
```

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(118, 150, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 150, 90) }
```

Border

The CSS property to change the border of an element to Yxy 26.4024, 0.3352, 0.4376 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(118, 150, 90) }
```

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

```
.border{ border-color:rgb(118, 150, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 150, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 150, 90); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 150, 90); box-shadow:4px 4px 4px 4px rgb(118, 150, 90) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4024, 0.3352, 0.4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 150, 90) }
```

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

```
.background{ background-color: rgb(118,  
150, 90) }
```

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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