

Converting Colors

$Y_{xy}(24.5219, 0.3039, 0.4012)$

Have a look what the booklet for
Yxy(24.5219, 0.3039, 0.4012)
contains.

Yxy(24.5240, 0.3044, 0.4017)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.5240, 0.3044, 0.4017)

Conversions

Conversions Part 1

Format	Color
Hex	67926C
RGB	103, 146, 108
RGB Percent	40%, 57%, 42%
CMY	0.5959, 0.4275, 0.5764
CMYK	0.29, 0.00, 0.26, 0.43
HSL	127°, 17%, 49%
HSV	127°, 29%, 57%
XYZ	18.5838, 24.5240, 17.9428
YIQ	128.8110, -13.4300, -20.9340

Conversions

Conversions Part 2

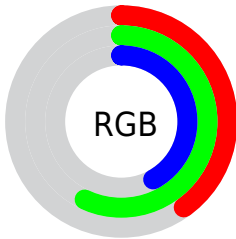
Format	Color
R _Y B	103, 142, 146
Decimal	6787692
CIE Lab	56.61, -22.77, 15.54
CIE LCh	57, 27.562, 145.685
Yxy	24.5240, 0.3044, 0.4017
Android (android.graphics.Color)	4284977772 (0xFF67926C)
YUV	128.8110, -10.2598, -22.6362
Hunter-Lab	49.5217, -19.6781, 13.1832

Details

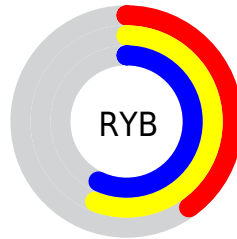
The Yxy color $24.5240, 0.3044, 0.4017$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.7456, 0.3223, 0.2658$, and the grayscale version is $21.9276, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.8152, 0.3063, 0.3842$, and $9.2949, 0.2997, 0.4332$ is the 20% darker color. If you saturate the color by 10%, you get $23.4803, 0.3017, 0.4315$, and if you desaturate by 10%, it is $25.7613, 0.3072, 0.3743$.

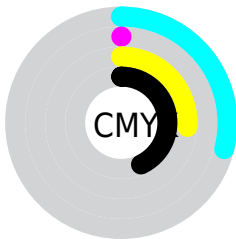
Distribution



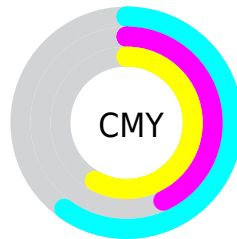
- Red (40%)
- Green (57%)
- Blue (42%)



- Red (40%)
- Yellow (56%)
- Blue (57%)



- Cyan (29%)
- Magenta (0%)
- Yellow (26%)
- Black (43%)




- Cyan (60%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5240, 0.3044, 0.4017 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 24.5240, 0.3044, 0.4017 by changing the saturation by 10% instead.


 24.5240, 0.3044,
0.4017


 24.5240, 0.3044,
0.4017


275.4591, 0.3098,
0.3599


 15.7228, 0.3024,
0.4145


 50.8840, 0.3068,
0.3849


 9.3282, 0.2993,
0.4326


 69.2115, 0.3075,
0.3791

 4.9559, 0.2941,
0.4602

 91.4832, 0.3081,
0.3744

 2.2214, 0.2837,
0.5072

 118.0836, 0.3086,
0.3705

 0.7316, 0.1603,
0.8397

149.3969, 0.3090,
0.3672

 0.0000, 0.0000,
0.0000

185.8077, 0.3093,

0.3644

227.7003, 0.3096,
0.3620

■ 24.5240, 0.3044,
0.4017

■ 24.5240, 0.3044,
0.4017

■ 23.4803, 0.3017,
0.4315

■ 25.7613, 0.3072,
0.3743

■ 22.6174, 0.2993,
0.4630

■ 27.1980, 0.3101,
0.3496

■ 21.9260, 0.2974,
0.4948

■ 28.8436, 0.3129,
0.3278

■ 21.3945, 0.2962,
0.5251

■ 30.7058, 0.3155,
0.3087

■ 21.0100, 0.2958,
0.5521

■ 32.7923, 0.3180,
0.2921

■ 20.7573, 0.2963,
0.5736

■ 35.1102, 0.3203,
0.2777

■ 20.6034, 0.2971,
0.5890

■ 37.6662, 0.3224,
0.2653

■ 20.5955, 0.2971,
0.5897

■ 40.4669, 0.3243,
0.2546

■ 43.5186, 0.3260,
0.2453

Harmonies

Analogous

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



24.5240, 0.3514, 0.4155



24.5240, 0.3044, 0.4017



24.5240, 0.2617, 0.3627

Triad

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



24.5240, 0.3044, 0.4017



24.5240, 0.2385, 0.2560



24.5240, 0.3983, 0.3332

Complementary

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



24.5240, 0.3044, 0.4017



17.7456, 0.3223, 0.2658

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.



24.5240, 0.3633, 0.2970



24.5240, 0.3044, 0.4017



24.5240, 0.2701, 0.2540

Square

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



24.5240, 0.3044, 0.4017



24.5240, 0.2258, 0.2768



24.5240, 0.3154, 0.2688



24.5240, 0.4078, 0.3710

Rectangle

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



24.5240, 0.3044, 0.4017



24.5240, 0.2410, 0.3307



24.5240, 0.3154, 0.2688



24.5240, 0.3890, 0.3206

Sweetspot

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



24.5250, 0.3044, 0.4017



48.0483, 0.3102, 0.3491



27.2600, 0.3508, 0.4012



10.6099, 0.3098, 0.3521



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.5250, 0.3044, 0.4017



42.0709, 0.3027, 0.4202



25.0223, 0.2859, 0.3609



6.4787, 0.3102, 0.3491



18.1281, 0.2970, 0.5892



0.2240, 0.2844, 0.5437

Inverse Universe

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



17.7456, 0.3223, 0.2658



28.2005, 0.3247, 0.2523



17.1830, 0.3504, 0.2994



5.8978, 0.3154, 0.3097



6.7783, 0.3515, 0.1710



0.0856, 0.3348, 0.1618

Previews

White Background



This preview shows how the Yxy color 24.5240, 0.3044, 0.4017 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 24.5240, 0.3044, 0.4017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

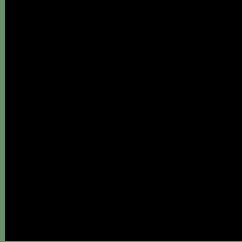
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5240, 0.3044, 0.4017

Background



This preview shows how black text looks on a background with the Yxy color 24.5240, 0.3044, 0.4017.



This preview shows how white text looks on a background with the Yxy color 24.5240, 0.3044, 0.4017.

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

24.5240, 0.3044, 0.4017

Protanopia

24.3270, 0.3592, 0.3834

Deuteranopia

24.2811, 0.3670, 0.3599



Tritanopia

24.4027, 0.2725, 0.3078

Trichromacy



Original Color

24.5240, 0.3044, 0.4017

Protanomaly

24.2310, 0.3377, 0.3898

Deuteranomaly

24.0525, 0.3415, 0.3745

Tritanomaly

24.3117, 0.2838, 0.3399

Monochromacy



Original Color

24.5240, 0.3044, 0.4017

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.7015, 0.3104, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5240, 0.3044, 0.4017 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(103, 146, 108)` looks like.

```
.text, #text, p{  
    color:rgb(103, 146, 108)  
}
```

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(103, 146, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 146, 108) }
```

Border

The CSS property to change the border of an element to Yxy 24.5240, 0.3044, 0.4017 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(103, 146, 108) }
```

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

```
.border{ border-color:rgb(103, 146, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 146, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 146, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 146, 108);  
box-shadow:4px 4px 4px 4px rgb(103, 146,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5240, 0.3044, 0.4017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 146, 108) }
```

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

```
.background{ background-color: rgb(103,  
146, 108) }
```

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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