

Converting Colors

$Y_{xy}(23.2795, 0.3082, 0.3908)$

Have a look what the booklet for
Yxy(23.2795, 0.3082, 0.3908)
contains.

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Color

$Y_{xy}(23.2797, 0.3077, 0.3905)$

Conversions

Conversions Part 1

Format	Color
Hex	6B8D6D
RGB	107, 141, 109
RGB Percent	42%, 55%, 43%
CMY	0.5806, 0.4470, 0.5726
CMYK	0.24, 0.00, 0.23, 0.45
HSL	124°, 14%, 49%
HSV	124°, 24%, 55%
XYZ	18.3436, 23.2797, 17.9918
YIQ	127.1860, -9.9920, -17.1600

Conversions

Conversions Part 2

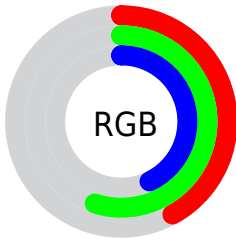
Format	Color
RYB	107, 139, 141
Decimal	7048557
CIELab	55.36, -18.64, 13.28
CIELCh	55, 22.886, 144.518
Yxy	23.2797, 0.3077, 0.3905
Android (android.graphics.Color)	4285238637 (0xFF6B8D6D)
YUV	127.1860, -8.9657, -17.7031
Hunter-Lab	48.2490, -16.5728, 11.6654

Details

The Yxy color $23.2797, 0.3077, 0.3905$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.0321, 0.3180, 0.2744$, and the grayscale version is $21.3216, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.9744, 0.3089, 0.3759$, and $8.7489, 0.3056, 0.4186$ is the 20% darker color. If you saturate the color by 10%, you get $22.2130, 0.3055, 0.4209$, and if you desaturate by 10%, it is $24.5340, 0.3098, 0.3629$.

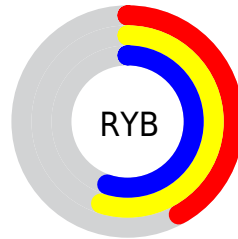
Distribution



Red (42%)

Green (55%)

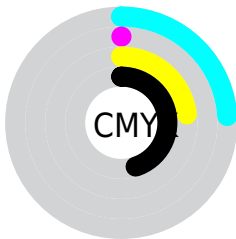
Blue (43%)



Red (42%)

Yellow (55%)

Blue (55%)

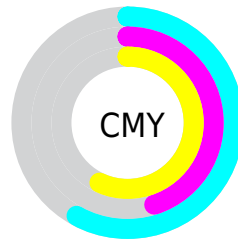


Cyan (24%)

Magenta (0%)

Yellow (23%)

Black (45%)



Cyan (58%)


Magenta (45%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.2797, 0.3077, 0.3905 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 23.2797, 0.3077, 0.3905 by changing the saturation by 10% instead.


 23.2797, 0.3077,
0.3905


 23.2797, 0.3077,
0.3905


269.1584, 0.3111,
0.3551


 14.8002, 0.3064,
0.4014


 48.8522, 0.3092,
0.3763


 8.6793, 0.3044,
0.4169

 66.7139, 0.3097,
0.3713

 4.5326, 0.3008,
0.4407

 88.4719, 0.3101,
0.3674

 1.9757, 0.2934,
0.4817

 114.5104, 0.3103,
0.3641

 0.5933, 0.1552,
0.8448

145.2139, 0.3106,
0.3613

 0.0000, 0.0000,
0.0000

180.9668, 0.3108,

0.3589

222.1535, 0.3109,
0.3569

■ 23.2797, 0.3077,
0.3905

■ 23.2797, 0.3077,
0.3905

■ 22.2130, 0.3055,
0.4209

■ 24.5340, 0.3098,
0.3629

■ 21.3220, 0.3034,
0.4533

■ 25.9811, 0.3119,
0.3383

■ 20.5983, 0.3015,
0.4866

■ 27.6298, 0.3138,
0.3168

■ 20.0313, 0.3000,
0.5189

■ 29.4873, 0.3156,
0.2980

■ 19.6095, 0.2990,
0.5479

■ 31.5607, 0.3172,
0.2818

■ 19.3195, 0.2986,
0.5716

■ 33.8566, 0.3187,
0.2678

■ 19.1453, 0.2988,
0.5882

■ 36.3812, 0.3200,
0.2557

■ 19.0726, 0.2986,
0.5948

■ 39.1408, 0.3212,
0.2453

■ 42.1411, 0.3222,
0.2363

Harmonies

Analogous

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



23.2797, 0.3475, 0.4017



23.2797, 0.3077, 0.3905



23.2797, 0.2708, 0.3589

Triad

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



23.2797, 0.3077, 0.3905



23.2797, 0.2486, 0.2672



23.2797, 0.3840, 0.3319

Complementary

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



23.2797, 0.3077, 0.3905



18.0321, 0.3180, 0.2744

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.



23.2797, 0.3541, 0.3007



23.2797, 0.3077, 0.3905



23.2797, 0.2753, 0.2644

Square

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



23.2797, 0.3077, 0.3905



23.2797, 0.2382, 0.2861



23.2797, 0.3137, 0.2766



23.2797, 0.3932, 0.3644

Rectangle

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



23.2797, 0.3077, 0.3905



23.2797, 0.2525, 0.3325



23.2797, 0.3137, 0.2766



23.2797, 0.3760, 0.3211

Sweetspot

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



23.2807, 0.3077, 0.3905



45.7048, 0.3113, 0.3454



25.6304, 0.3459, 0.3875



10.1798, 0.3112, 0.3465



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



23.2807, 0.3077, 0.3905



40.5977, 0.3065, 0.4068



23.6750, 0.2920, 0.3577



6.0343, 0.3109, 0.3503



17.3876, 0.2985, 0.5945



0.1671, 0.2914, 0.5692

Inverse Universe

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



18.0321, 0.3180, 0.2744



29.5131, 0.3193, 0.2619



17.5808, 0.3397, 0.3021



5.5055, 0.3146, 0.3086



6.6969, 0.3361, 0.1625



0.0651, 0.3279, 0.1580

Previews

White Background



This preview shows how the Yxy color 23.2797, 0.3077, 0.3905 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 23.2797, 0.3077, 0.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

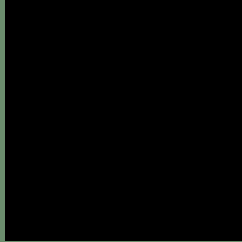
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2797, 0.3077, 0.3905

Background



This preview shows how black text looks on a background with the Yxy color 23.2797, 0.3077, 0.3905.



This preview shows how white text looks on a background with the Yxy color 23.2797, 0.3077, 0.3905.

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

23.2797, 0.3077, 0.3905

Protanopia

23.1852, 0.3533, 0.3760

Deuteranopia

23.0240, 0.3608, 0.3541



Tritanopia

23.2923, 0.2790, 0.3093

Trichromacy



Original Color

23.2797, 0.3077, 0.3905

Protanomaly

23.0357, 0.3366, 0.3816

Deuteranomaly

22.8845, 0.3404, 0.3662

Tritanomaly

23.2499, 0.2891, 0.3381

Monochromacy



Original Color

23.2797, 0.3077, 0.3905

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.8517, 0.3117, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2797, 0.3077, 0.3905 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(107, 141, 109)` looks like.

```
.text, #text, p{  
    color:rgb(107, 141, 109)  
}
```

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(107, 141, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 141, 109) }
```

Border

The CSS property to change the border of an element to Yxy 23.2797, 0.3077, 0.3905 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(107, 141, 109) }
```

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

```
.border{ border-color:rgb(107, 141, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 141, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 141, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 141, 109);  
box-shadow:4px 4px 4px 4px rgb(107, 141,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2797, 0.3077, 0.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 141, 109) }
```

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

```
.background{ background-color: rgb(107,  
141, 109) }
```

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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