

Converting Colors

$Y_{xy}(23.5689, 0.3265, 0.4145)$

Have a look what the booklet for
Yxy(23.5689, 0.3265, 0.4145)
contains.

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Color

$Y_{xy}(23.4050, 0.3267, 0.4145)$

Conversions

Conversions Part 1

Format	Color
Hex	718D60
RGB	113, 141, 96
RGB Percent	44%, 55%, 38%
CMY	0.5568, 0.4471, 0.6235
CMYK	0.20, 0.00, 0.32, 0.45
HSL	97°, 19%, 46%
HSV	97°, 32%, 55%
XYZ	18.4473, 23.4050, 14.6133
YIQ	127.4980, -2.2430, -19.9310

Conversions

Conversions Part 2

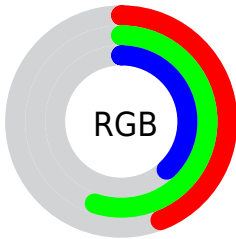
Format	Color
R_{YB}	96, 141, 124
Decimal	7441760
CIE _{Lab}	55.49, -18.64, 20.86
CIE _{LCh}	55, 27.973, 131.794
Y _{xy}	23.4050, 0.3267, 0.4145
Android (android.graphics.Color)	4285631840 (0xFF718D60)
YUV	127.4980, -15.5285, -12.7147
Hunter-Lab	48.3787, -16.5988, 15.9559

Details

The Yxy color $23.4050, 0.3267, 0.4145$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $14.5754, 0.2934, 0.2471$, and the grayscale version is $21.4601, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.1361, 0.3239, 0.3950$, and $8.7939, 0.3292, 0.4517$ is the 20% darker color. If you saturate the color by 10%, you get $22.6151, 0.3301, 0.4448$, and if you desaturate by 10%, it is $24.2998, 0.3227, 0.3855$.

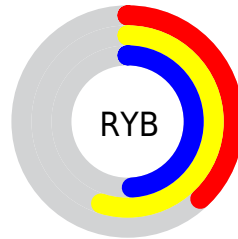
Distribution



Red (44%)

Green (55%)

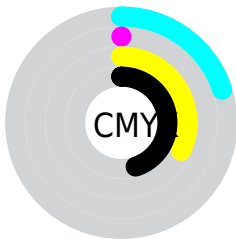
Blue (38%)



Red (38%)

Yellow (55%)

Blue (49%)

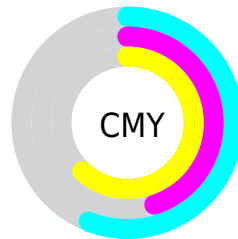


Cyan (20%)

Magenta (0%)

Yellow (32%)

Black (45%)



Cyan (56%)


Magenta (45%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4050, 0.3267, 0.4145 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 23.4050, 0.3267, 0.4145 by changing the saturation by 10% instead.


 23.4050, 0.3267,
0.4145

 23.4050, 0.3267,
0.4145


269.7984, 0.3200,
0.3652

 14.8928, 0.3280,
0.4295


 49.0575, 0.3244,
0.3947


 8.7442, 0.3293,
0.4508

 66.9666, 0.3235,
0.3879

 4.5747, 0.3300,
0.4830

 88.7768, 0.3227,
0.3823

 2.0000, 0.3363,
0.5511

 114.8726, 0.3220,
0.3777

 0.6075, 0.1675,
0.8325

145.6382, 0.3214,
0.3739

 0.0000, 0.0000,
0.0000

181.4581, 0.3209,

0.3705

222.7167, 0.3204,
0.3677

■ 23.4050, 0.3267,
0.4145

■ 23.4050, 0.3267,
0.4145

■ 22.6151, 0.3301,
0.4448

■ 24.2998, 0.3227,
0.3855

■ 21.9229, 0.3324,
0.4754

■ 25.3003, 0.3182,
0.3583

■ 21.3251, 0.3335,
0.5049

■ 26.4110, 0.3136,
0.3335


■ 20.8169, 0.3329,
0.5316


■ 27.6355, 0.3090,
0.3110


■ 20.3930, 0.3307,
0.5540

■ 28.9770, 0.3045,
0.2909

 20.0475, 0.3268,
0.5709

 30.4386, 0.3002,
0.2729

 19.8145, 0.3231,
0.5816

 32.0234, 0.2961,
0.2570

 33.7343, 0.2922,
0.2429

 35.5740, 0.2886,
0.2304

Harmonies

Analogous

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



23.4050, 0.3727, 0.4148



23.4050, 0.3267, 0.4145



23.4050, 0.2791, 0.3849

Triad

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



23.4050, 0.3267, 0.4145



23.4050, 0.2278, 0.2613



23.4050, 0.3869, 0.3153

Complementary

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



23.4050, 0.3267, 0.4145



14.5754, 0.2934, 0.2471

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.



23.4050, 0.3426, 0.2813



23.4050, 0.3267, 0.4145



23.4050, 0.2516, 0.2505

Square

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



23.4050, 0.3267, 0.4145



23.4050, 0.2245, 0.2914



23.4050, 0.2926, 0.2581



23.4050, 0.4099, 0.3543

Rectangle

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



23.4050, 0.3267, 0.4145



23.4050, 0.2528, 0.3538



23.4050, 0.2926, 0.2581



23.4050, 0.3738, 0.3031

Sweetspot

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



23.4060, 0.3267, 0.4145



45.6311, 0.3174, 0.3540



20.8611, 0.3675, 0.3782



10.1393, 0.3180, 0.3571



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.



23.4060, 0.3267, 0.4145



40.9184, 0.3291, 0.4354



22.4819, 0.3037, 0.4085



6.1225, 0.3170, 0.3513



18.0754, 0.3234, 0.5814



0.1847, 0.3577, 0.5542

Inverse Universe

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



14.5754, 0.2934, 0.2471



22.6327, 0.2879, 0.2282



15.8006, 0.3233, 0.2607



5.4106, 0.3081, 0.3069



3.6421, 0.2303, 0.1042



0.0475, 0.2725, 0.1275

Previews

White Background



This preview shows how the Yxy color 23.4050, 0.3267, 0.4145 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 23.4050, 0.3267, 0.4145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

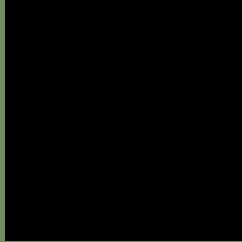
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4050, 0.3267, 0.4145

Background



This preview shows how black text looks on a background with the Yxy color 23.4050, 0.3267, 0.4145.



This preview shows how white text looks on a background with the Yxy color 23.4050, 0.3267, 0.4145.

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

23.4050, 0.3267, 0.4145

Protanopia

23.1149, 0.3704, 0.3980

Deuteranopia

23.1475, 0.3815, 0.3750



Tritanopia

23.4372, 0.2878, 0.3114

Trichromacy



Original Color

23.4050, 0.3267, 0.4145

Protanomaly

23.0238, 0.3541, 0.4045

Deuteranomaly

22.9598, 0.3599, 0.3885

Tritanomaly

23.2752, 0.3021, 0.3473

Monochromacy



Original Color

23.4050, 0.3267, 0.4145

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.2470, 0.3192, 0.3604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4050, 0.3267, 0.4145 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(113, 141, 96)` looks like.

```
.text, #text, p{  
    color:rgb(113, 141, 96)  
}
```

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(113, 141, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 141, 96) }
```

Border

The CSS property to change the border of an element to Yxy 23.4050, 0.3267, 0.4145 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(113, 141, 96) }
```

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

```
.border{ border-color:rgb(113, 141, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 141, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 141, 96); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 141, 96); box-shadow:4px 4px 4px 4px rgb(113, 141, 96) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4050, 0.3267, 0.4145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 141, 96) }
```

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

```
.background{ background-color: rgb(113,  
141, 96) }
```

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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