

Converting Colors

$Yxy(20.9947, 0.3205, 0.4069)$

Have a look what the booklet for
Yxy(20.9947, 0.3205, 0.4069)
contains.

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Color

$Y_{xy}(20.9406, 0.3212, 0.4068)$

Conversions

Conversions Part 1

Format	Color
Hex	6A865F
RGB	106, 134, 95
RGB Percent	42%, 53%, 37%
CMY	0.5844, 0.4745, 0.6274
CMYK	0.21, 0.00, 0.29, 0.47
HSL	103°, 17%, 45%
HSV	103°, 29%, 53%
XYZ	16.5342, 20.9406, 14.0016
YIQ	121.1820, -4.1690, -18.0650

Conversions

Conversions Part 2

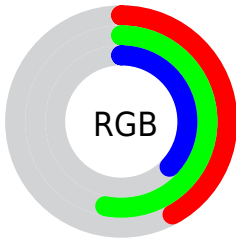
Format	Color
R_{YB}	95, 134, 123
Decimal	6981215
CIE _{Lab}	52.88, -17.80, 17.82
CIE _{LCh}	53, 25.185, 134.971
Yxy	20.9406, 0.3212, 0.4068
Android (android.graphics.Color)	4285171295 (0xFF6A865F)
YUV	121.1820, -12.9077, -13.3146
Hunter-Lab	45.7609, -15.5864, 13.8915

Details

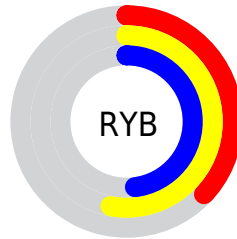
The Yxy color $20.9406, 0.3212, 0.4068$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $14.1231, 0.3007, 0.2563$, and the grayscale version is $19.2262, 0.3127, 0.3290$.

A 20% lighter version of the original color is $44.8851, 0.3199, 0.3874$, and $7.4536, 0.3234, 0.4423$ is the 20% darker color. If you saturate the color by 10%, you get $20.1611, 0.3233, 0.4376$, and if you desaturate by 10%, it is $21.8301, 0.3185, 0.3778$.

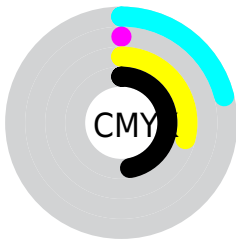
Distribution



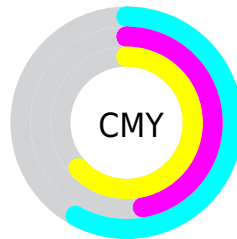
- Red (42%)
- Green (53%)
- Blue (37%)



- Red (37%)
- Yellow (53%)
- Blue (48%)



- Cyan (21%)
- Magenta (0%)
- Yellow (29%)
- Black (47%)




- Cyan (58%)
- Magenta (47%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.9406, 0.3212, 0.4068 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 20.9406, 0.3212, 0.4068 by changing the saturation by 10% instead.


 20.9406, 0.3212,
0.4068

 20.9406, 0.3212,
0.4068


256.9626, 0.3173,
0.3613


 13.0806, 0.3218,
0.4211


 44.9887, 0.3200,
0.3883

 7.4841, 0.3223,
0.4418


 61.9455, 0.3194,
0.3819

 3.7666, 0.3217,
0.4740

 82.7034, 0.3189,
0.3768

 1.5439, 0.3329,
0.5563

 107.6467, 0.3185,
0.3726

 0.3193, 0.0000,
1.0000

137.1600, 0.3182,
0.3691

 0.0000, 0.0000,
0.0000

171.6274, 0.3178,

0.3661

211.4335, 0.3175,
0.3635

■ 20.9406, 0.3212,
0.4068

■ 20.9406, 0.3212,
0.4068

■ 20.1611, 0.3233,
0.4376

■ 21.8301, 0.3185,
0.3778

■ 19.4847, 0.3247,
0.4693

■ 22.8309, 0.3156,
0.3511

■ 18.9074, 0.3250,
0.5004

■ 23.9478, 0.3124,
0.3269

■ 18.4244, 0.3241,
0.5294

■ 25.1846, 0.3093,
0.3053

■ 18.0300, 0.3219,
0.5543

■ 26.5446, 0.3062,
0.2861

■ 17.7183, 0.3184,
0.5735

■ 28.0312, 0.3032,
0.2692

■ 17.4772, 0.3144,
0.5876

■ 29.6477, 0.3003,
0.2543

■ 17.4579, 0.3141,
0.5888

■ 31.3972, 0.2977,
0.2412

■ 33.2827, 0.2951,
0.2296

Harmonies

Analogous

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



20.9406, 0.3650, 0.4104



20.9406, 0.3212, 0.4068



20.9406, 0.2771, 0.3767

Triad

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



20.9406, 0.3212, 0.4068



20.9406, 0.2344, 0.2636



20.9406, 0.3854, 0.3202

Complementary

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



20.9406, 0.3212, 0.4068



14.1231, 0.3007, 0.2563

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.



20.9406, 0.3457, 0.2872



20.9406, 0.3212, 0.4068



20.9406, 0.2588, 0.2552

Square

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



20.9406, 0.3212, 0.4068



20.9406, 0.2292, 0.2903



20.9406, 0.2988, 0.2640



20.9406, 0.4042, 0.3570

Rectangle

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



20.9406, 0.3212, 0.4068



20.9406, 0.2533, 0.3473



20.9406, 0.2988, 0.2640



20.9406, 0.3739, 0.3084

Sweetspot

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



20.9415, 0.3212, 0.4068



40.2031, 0.3156, 0.3513



20.0510, 0.3599, 0.3803



9.0048, 0.3160, 0.3546



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.



20.9415, 0.3212, 0.4068



35.9554, 0.3227, 0.4272



20.4741, 0.3007, 0.3917



5.2635, 0.3156, 0.3511



16.3644, 0.3143, 0.5886



0.0600, 0.3449, 0.5644

Inverse Universe

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



14.1231, 0.3007, 0.2563



21.8786, 0.2971, 0.2388



14.7518, 0.3276, 0.2736



4.6988, 0.3096, 0.3073



3.9642, 0.2527, 0.1166



0.0174, 0.2862, 0.1350

Previews

White Background



This preview shows how the Yxy color 20.9406, 0.3212, 0.4068 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 20.9406, 0.3212, 0.4068 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 20.9406, 0.3212, 0.4068

Background



This preview shows how black text looks on a background with the Yxy color 20.9406, 0.3212, 0.4068.



This preview shows how white text looks on a background with the Yxy color 20.9406, 0.3212, 0.4068.

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

20.9406, 0.3212, 0.4068

Protanopia

20.8279, 0.3645, 0.3925

Deuteranopia

20.7596, 0.3744, 0.3688



Tritanopia

20.8131, 0.2846, 0.3086

Trichromacy



Original Color

20.9406, 0.3212, 0.4068

Protanomaly

20.7583, 0.3478, 0.3990

Deuteranomaly

20.6903, 0.3536, 0.3823

Tritanomaly

20.7103, 0.2974, 0.3424

Monochromacy



Original Color

20.9406, 0.3212, 0.4068

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

19.8046, 0.3162, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.9406, 0.3212, 0.4068 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(106, 134, 95)` looks like.

```
.text, #text, p{  
    color:rgb(106, 134, 95)  
}
```

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(106, 134, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 134, 95) }
```

Border

The CSS property to change the border of an element to Yxy 20.9406, 0.3212, 0.4068 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(106, 134, 95) }
```

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

```
.border{ border-color:rgb(106, 134, 95) }
```

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

Here you see how a box with a 4 pixel rgb(106, 134, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 134, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 134, 95);  
box-shadow:4px 4px 4px 4px rgb(106, 134,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 20.9406, 0.3212, 0.4068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 134, 95) }
```

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

```
.background{ background-color: rgb(106,  
134, 95) }
```

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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