

Converting Colors

$Yxy(28.5696, 0.3086, 0.4213)$

Have a look what the booklet for
Yxy(28.5696, 0.3086, 0.4213)
contains.

Yxy(28.6411, 0.3084, 0.4217)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.6411, 0.3084, 0.4217)

Conversions

Conversions Part 1

Format	Color
Hex	6B9E6B
RGB	107, 158, 107
RGB Percent	42%, 62%, 42%
CMY	0.5803, 0.3804, 0.5804
CMYK	0.32, 0.00, 0.32, 0.38
HSL	120°, 21%, 52%
HSV	120°, 32%, 62%
XYZ	20.9460, 28.6411, 18.3311
YIQ	136.9370, -14.0250, -26.6730

Conversions

Conversions Part 2

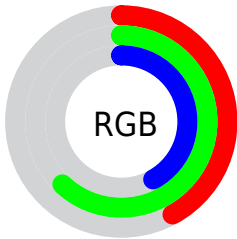
Format	Color
R_{YB}	107, 158, 158
Decimal	7052907
CIE _{Lab}	60.46, -27.57, 21.40
CIE _{LCh}	60, 34.902, 142.185
Yxy	28.6411, 0.3084, 0.4217
Android (android.graphics.Color)	4285242987 (0xFF6B9E6B)
YUV	136.9370, -14.7589, -26.2547
Hunter-Lab	53.5174, -23.7930, 17.1538

Details

The Yxy color $28.6411, 0.3084, 0.4217$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $20.2473, 0.3163, 0.2510$, and the grayscale version is $25.0542, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.5653, 0.3101, 0.4007$, and $11.4937, 0.3043, 0.4583$ is the 20% darker color. If you saturate the color by 10%, you get $27.4484, 0.3068, 0.4561$, and if you desaturate by 10%, it is $30.0757, 0.3099, 0.3895$.

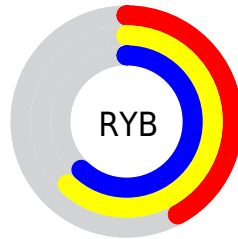
Distribution



Red (42%)

Green (62%)

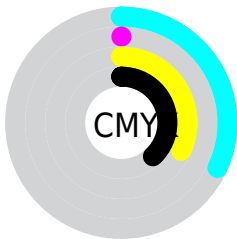
Blue (42%)



Red (42%)

Yellow (62%)

Blue (62%)

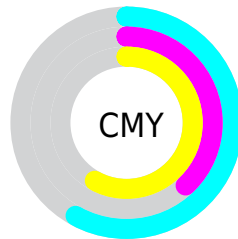


Cyan (32%)

Magenta (0%)

Yellow (32%)

Black (38%)



Cyan (58%)


Magenta (38%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6411, 0.3084, 0.4217 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 28.6411, 0.3084, 0.4217 by changing the saturation by 10% instead.


 28.6411, 0.3084,
0.4217


 28.6411, 0.3084,
0.4217


295.5178, 0.3121,
0.3693

 18.8095, 0.3067,
0.4372


 57.5064, 0.3102,
0.4010


 11.5327, 0.3040,
0.4588


 77.3088, 0.3107,
0.3937

 6.4263, 0.2990,
0.4907


 101.2037, 0.3111,
0.3878

 3.1060, 0.2888,
0.5419

 129.5753, 0.3114,
0.3828

 1.1873, 0.2649,
0.7351

162.8082, 0.3116,
0.3787

 0.0513, 0.0000,
1.0000

201.2866, 0.3118,

 0.0000, 0.0000,

0.3751

0.0000

245.3950, 0.3119,
0.3720

■ 28.6411, 0.3084,
0.4217

■ 28.6411, 0.3084,
0.4217

■ 27.4484, 0.3068,
0.4561

■ 30.0757, 0.3099,
0.3895

■ 26.4809, 0.3051,
0.4913

■ 31.7606, 0.3113,
0.3603

■ 25.7256, 0.3036,
0.5250

■ 33.7083, 0.3125,
0.3344

■ 25.1664, 0.3022,
0.5546

■ 35.9293, 0.3135,
0.3119

■ 24.7854, 0.3011,
0.5777

■ 38.4336, 0.3144,
0.2924

 24.5608, 0.3004,
0.5925

 41.2308, 0.3152,
0.2756

 24.4543, 0.3000,
0.6000

 44.3298, 0.3159,
0.2612

 47.7393, 0.3164,
0.2488

 51.4676, 0.3169,
0.2382

Harmonies

Analogous

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



28.6411, 0.3642, 0.4330



28.6411, 0.3084, 0.4217



28.6411, 0.2565, 0.3764

Triad

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



28.6411, 0.3084, 0.4217



28.6411, 0.2220, 0.2439



28.6411, 0.4123, 0.3276

Complementary

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



28.6411, 0.3084, 0.4217



20.2473, 0.3163, 0.2510

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.



28.6411, 0.3671, 0.2863



28.6411, 0.3084, 0.4217



28.6411, 0.2563, 0.2397

Square

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



28.6411, 0.3084, 0.4217



28.6411, 0.2099, 0.2701



28.6411, 0.3086, 0.2551



28.6411, 0.4273, 0.3722

Rectangle

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



28.6411, 0.3084, 0.4217



28.6411, 0.2308, 0.3371



28.6411, 0.3086, 0.2551



28.6411, 0.3999, 0.3131

Sweetspot

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



28.6423, 0.3084, 0.4217



58.3764, 0.3115, 0.3546



32.4949, 0.3605, 0.4062



13.0605, 0.3114, 0.3582



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



28.6423, 0.3084, 0.4217



50.3538, 0.3072, 0.4473



29.2350, 0.2882, 0.3756



7.4013, 0.3116, 0.3521



19.5856, 0.3000, 0.6000



0.3503, 0.3001, 0.5999

Inverse Universe

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



20.2473, 0.3163, 0.2510



32.5960, 0.3171, 0.2336



19.4854, 0.3476, 0.2868



6.7544, 0.3137, 0.3070



7.7898, 0.3207, 0.1541



0.1394, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 28.6411, 0.3084, 0.4217 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 28.6411, 0.3084, 0.4217 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 28.6411, 0.3084, 0.4217

Background



This preview shows how black text looks on a background with the Yxy color 28.6411, 0.3084, 0.4217.



This preview shows how white text looks on a background with the Yxy color 28.6411, 0.3084, 0.4217.

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

28.6411, 0.3084, 0.4217

Protanopia

28.3585, 0.3708, 0.3987

Deuteranopia

28.2709, 0.3795, 0.3713



Tritanopia

28.5595, 0.2707, 0.3090

Trichromacy



Original Color

28.6411, 0.3084, 0.4217

Protanomaly

28.2809, 0.3463, 0.4080

Deuteranomaly

27.9795, 0.3510, 0.3880

Tritanomaly

28.6051, 0.2837, 0.3480

Monochromacy



Original Color

28.6411, 0.3084, 0.4217

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

26.1928, 0.3112, 0.3623

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6411, 0.3084, 0.4217 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, 158, 107)` looks like.

```
.text, #text, p{  
    color:rgb(107, 158, 107)  
}
```

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, 158, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 158, 107) }
```

Border

The CSS property to change the border of an element to Yxy 28.6411, 0.3084, 0.4217 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, 158, 107) }
```

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

```
.border{ border-color:rgb(107, 158, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 158, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 158, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 158, 107);  
box-shadow:4px 4px 4px 4px rgb(107, 158,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6411, 0.3084, 0.4217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 158, 107) }
```

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

```
.background{ background-color: rgb(107,  
158, 107) }
```

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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