

Converting Colors

$Yxy(28.0845, 0.3429, 0.4351)$

Have a look what the booklet for
Yxy(28.0845, 0.3429, 0.4351)
contains.

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Color

Yxy(28.1444, 0.3432, 0.4346)

Conversions

Conversions Part 1

Format	Color
Hex	80995C
RGB	128, 153, 92
RGB Percent	50%, 60%, 36%
CMY	0.4980, 0.4000, 0.6392
CMYK	0.16, 0.00, 0.40, 0.40
HSL	85°, 25%, 48%
HSV	85°, 40%, 60%
XYZ	22.2254, 28.1444, 14.3895
YIQ	138.5710, 4.6810, -24.2710

Conversions

Conversions Part 2

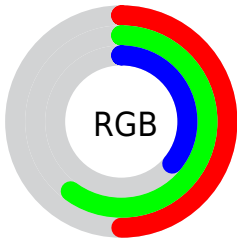
Format	Color
R_{YB}	92, 153, 117
Decimal	8427868
CIE _{Lab}	60.02, -19.63, 29.19
CIE _{LCh}	60, 35.179, 123.914
Yxy	28.1444, 0.3432, 0.4346
Android (android.graphics.Color)	4286617948 (0xFF80995C)
YUV	138.5710, -22.9595, -9.2708
Hunter-Lab	53.0513, -18.0587, 21.0542

Details

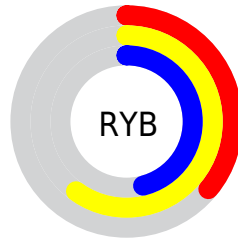
The Yxy color $28.1444, 0.3432, 0.4346$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $13.7405, 0.2704, 0.2196$, and the grayscale version is $25.7347, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.5539, 0.3385, 0.4111$, and $11.2624, 0.3495, 0.4762$ is the 20% darker color. If you saturate the color by 10%, you get $27.4329, 0.3491, 0.4625$, and if you desaturate by 10%, it is $28.9425, 0.3362, 0.4065$.

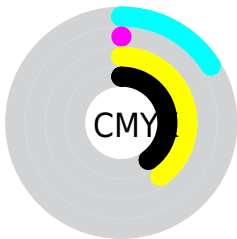
Distribution



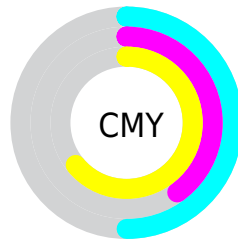
- Red (50%)
- Green (60%)
- Blue (36%)



- Red (36%)
- Yellow (60%)
- Blue (46%)



- Cyan (16%)
- Magenta (0%)
- Yellow (40%)
- Black (40%)



- Cyan (50%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1444, 0.3432, 0.4346 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 28.1444, 0.3432, 0.4346 by changing the saturation by 10% instead.


 28.1444, 0.3432,
0.4346

 28.1444, 0.3432,
0.4346


293.1563, 0.3284,
0.3755


 18.4345, 0.3464,
0.4516


 56.7149, 0.3381,
0.4115

 11.2624, 0.3498,
0.4746


 76.3443, 0.3361,
0.4034

 6.2436, 0.3529,
0.5076


 100.0491, 0.3343,
0.3966

 2.9938, 0.3604,
0.5689

 128.2135, 0.3328,
0.3910

 1.1285, 0.3376,
0.6624

161.2221, 0.3315,
0.3863

 0.0021, 0.0000,
1.0000

199.4591, 0.3303,

 0.0000, 0.0000,

0.3822

0.0000

243.3090, 0.3293,
0.3786

■ 28.1444, 0.3432,
0.4346

■ 28.1444, 0.3432,
0.4346

■ 27.4329, 0.3491,
0.4625

■ 28.9425, 0.3362,
0.4065

■ 26.8006, 0.3536,
0.4890

■ 29.8270, 0.3285,
0.3791

■ 26.2443, 0.3560,
0.5130


■ 30.8024, 0.3206,
0.3530


■ 25.7595, 0.3563,
0.5330


■ 31.8719, 0.3126,
0.3287

■ 25.3408, 0.3543,
0.5483

■ 33.0383, 0.3048,
0.3063


 24.9758, 0.3506,
0.5597

 34.3045, 0.2974,
0.2859

 24.9709, 0.3505,
0.5599

 35.6732, 0.2903,
0.2676

 37.1468, 0.2837,
0.2510

 38.7279, 0.2776,
0.2362

Harmonies

Analogous

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



28.1444, 0.3944, 0.4242



28.1444, 0.3432, 0.4346



28.1444, 0.2864, 0.4085

Triad

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



28.1444, 0.3432, 0.4346



28.1444, 0.2106, 0.2562



28.1444, 0.3885, 0.3012

Complementary

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



28.1444, 0.3432, 0.4346



13.7405, 0.2704, 0.2196

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.



28.1444, 0.3319, 0.2649



28.1444, 0.3432, 0.4346



28.1444, 0.2319, 0.2387

Square

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



28.1444, 0.3432, 0.4346



28.1444, 0.2130, 0.2964



28.1444, 0.2745, 0.2426



28.1444, 0.4238, 0.3452

Rectangle

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



28.1444, 0.3432, 0.4346



28.1444, 0.2531, 0.3737



28.1444, 0.2745, 0.2426



28.1444, 0.3710, 0.2879

Sweetspot

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



28.1456, 0.3432, 0.4346



54.7306, 0.3225, 0.3590



20.1314, 0.3928, 0.3702



12.0395, 0.3234, 0.3620



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



28.1456, 0.3432, 0.4346



49.2372, 0.3486, 0.4600



26.1596, 0.3128, 0.4453



7.0966, 0.3201, 0.3514



20.6568, 0.3510, 0.5595



0.3300, 0.3812, 0.5355

Inverse Universe

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



13.7405, 0.2704, 0.2196



19.7063, 0.2579, 0.1922



16.1513, 0.3091, 0.2312



6.1438, 0.3049, 0.3064



2.7856, 0.1883, 0.0811



0.0622, 0.2370, 0.1079

Previews

White Background



This preview shows how the Yxy color 28.1444, 0.3432, 0.4346 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 28.1444, 0.3432, 0.4346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

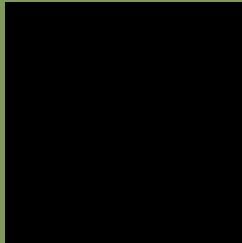
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

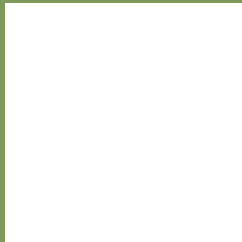
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.1444, 0.3432, 0.4346

Background



This preview shows how black text looks on a background with the Yxy color 28.1444, 0.3432, 0.4346.



This preview shows how white text looks on a background with the Yxy color 28.1444, 0.3432, 0.4346.

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

28.1444, 0.3432, 0.4346

Protanopia

27.9369, 0.3845, 0.4151

Deuteranopia

27.8874, 0.3999, 0.3928



Tritanopia

28.0035, 0.2933, 0.3096

Trichromacy



Original Color

28.1444, 0.3432, 0.4346

Protanomaly

27.8087, 0.3690, 0.4221

Deuteranomaly

27.6212, 0.3790, 0.4066

Tritanomaly

27.9416, 0.3126, 0.3542

Monochromacy



Original Color

28.1444, 0.3432, 0.4346

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.5026, 0.3249, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1444, 0.3432, 0.4346 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(128, 153, 92)` looks like.

```
.text, #text, p{  
    color:rgb(128, 153, 92)  
}
```

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(128, 153, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 153, 92) }
```

Border

The CSS property to change the border of an element to Yxy 28.1444, 0.3432, 0.4346 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(128, 153, 92) }
```

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

```
.border{ border-color:rgb(128, 153, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 153, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 153, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 153, 92);  
box-shadow:4px 4px 4px 4px rgb(128, 153,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1444, 0.3432, 0.4346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 153, 92) }
```

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

```
.background{ background-color: rgb(128,  
153, 92) }
```

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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