

Converting Colors

$Yxy(32.6507, 0.3568, 0.4384)$

Have a look what the booklet for
Yxy(32.6507, 0.3568, 0.4384)
contains.

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Color

Yxy(32.6507, 0.3568, 0.4384)

Conversions

Conversions Part 1

Format	Color
Hex	91A25D
RGB	145, 162, 93
RGB Percent	57%, 64%, 36%
CMY	0.4313, 0.3647, 0.6354
CMYK	0.10, 0.00, 0.43, 0.36
HSL	75°, 27%, 50%
HSV	75°, 43%, 64%
XYZ	26.5734, 32.6507, 15.2529
YIQ	149.0510, 12.0170, -25.0630

Conversions

Conversions Part 2

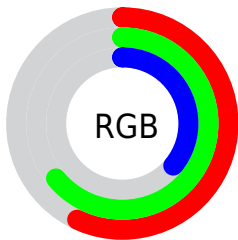
Format	Color
RYB	93, 162, 110
Decimal	9544285
CIELab	63.88, -17.35, 33.85
CIElCh	64, 38.038, 117.144
Yxy	32.6507, 0.3568, 0.4384
Android (android.graphics.Color)	4287734365 (0xFF91A25D)
YUV	149.0510, -27.6331, -3.5527
Hunter-Lab	57.1408, -16.9848, 24.1720

Details

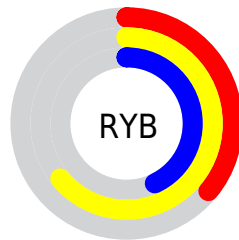
The Yxy color **32.6507, 0.3568, 0.4384** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.7478, 0.2533, 0.2066**, and the grayscale version is **30.1926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9187, 0.3497, 0.4165**, and **13.6685, 0.3668, 0.4747** is the 20% darker color. If you saturate the color by 10%, you get **32.0388, 0.3652, 0.4636**, and if you desaturate by 10%, it is **33.3390, 0.3472, 0.4121**.

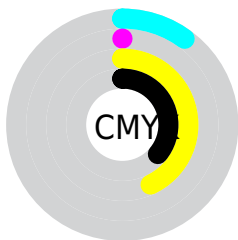
Distribution



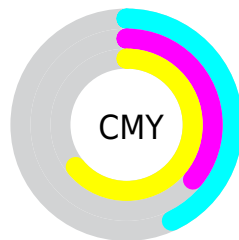
- Red (57%)
- Green (64%)
- Blue (36%)



- Red (36%)
- Yellow (64%)
- Blue (43%)



- Cyan (10%)
- Magenta (0%)
- Yellow (43%)
- Black (36%)




- Cyan (43%)
- Magenta (36%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6507, 0.3568, 0.4384 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 32.6507, 0.3568, 0.4384 by changing the saturation by 10% instead.


 32.6507, 0.3568,
0.4384


 32.6507, 0.3568,
0.4384


314.0728, 0.3353,
0.3791

 21.8590, 0.3615,
0.4545


 63.8298, 0.3493,
0.4158


 13.7533, 0.3670,
0.4757


 84.9860, 0.3464,
0.4077

 7.9493, 0.3727,
0.5048


 110.3658, 0.3439,
0.4009

 4.0625, 0.3802,
0.5505

 140.3536, 0.3417,
0.3951

 1.7086, 0.3811,
0.6189

175.3338, 0.3398,
0.3903

 0.4292, 0.0000,
1.0000

215.6908, 0.3381,

 0.0000, 0.0000,

0.3860

0.0000

261.8090, 0.3366,
0.3823

■ 32.6507, 0.3568,
0.4384

■ 32.6507, 0.3568,
0.4384

■ 32.0388, 0.3652,
0.4636

■ 33.3390, 0.3472,
0.4121

■ 31.4950, 0.3719,
0.4865

■ 34.1031, 0.3368,
0.3857

■ 31.0163, 0.3764,
0.5062


■ 34.9478, 0.3261,
0.3598

■ 30.5976, 0.3785,
0.5218


■ 35.8763, 0.3154,
0.3352


■ 30.2329, 0.3781,
0.5328


■ 36.8914, 0.3051,
0.3121

 29.9875, 0.3768,
0.5390

 37.9962, 0.2952,
0.2907

 39.1931, 0.2859,
0.2712

 40.4849, 0.2772,
0.2534

 41.8739, 0.2692,
0.2373

Harmonies

Analogous

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



32.6507, 0.4060, 0.4202



32.6507, 0.3568, 0.4384



32.6507, 0.2983, 0.4204

Triad

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



32.6507, 0.3568, 0.4384



32.6507, 0.2064, 0.2614



32.6507, 0.3787, 0.2911

Complementary

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



32.6507, 0.3568, 0.4384



13.7478, 0.2533, 0.2066

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.



32.6507, 0.3184, 0.2567



32.6507, 0.3568, 0.4384



32.6507, 0.2228, 0.2383

Square

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



32.6507, 0.3568, 0.4384



32.6507, 0.2143, 0.3076



32.6507, 0.2619, 0.2377



32.6507, 0.4217, 0.3349

Rectangle

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



32.6507, 0.3568, 0.4384



32.6507, 0.2622, 0.3883



32.6507, 0.2619, 0.2377



32.6507, 0.3594, 0.2782

Sweetspot

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



32.6522, 0.3568, 0.4384



63.3399, 0.3268, 0.3615



19.4275, 0.4086, 0.3551



14.1503, 0.3291, 0.3669



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



32.6522, 0.3568, 0.4384



58.2288, 0.3647, 0.4620



30.0365, 0.3231, 0.4513



8.1490, 0.3225, 0.3515



23.6447, 0.3772, 0.5387



0.5168, 0.3934, 0.5258

Inverse Universe

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



13.7478, 0.2533, 0.2066



19.3465, 0.2369, 0.1762



16.3273, 0.2940, 0.2195



6.9403, 0.3023, 0.3060



2.4265, 0.1656, 0.0686



0.0715, 0.2023, 0.0888

Previews

White Background



This preview shows how the Yxy color 32.6507, 0.3568, 0.4384 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.6507, 0.3568, 0.4384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

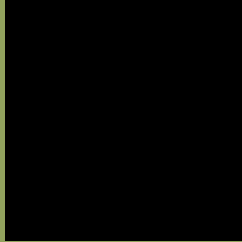
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6507, 0.3568, 0.4384

Background



This preview shows how black text looks on a background with the Yxy color 32.6507, 0.3568, 0.4384.



This preview shows how white text looks on a background with the Yxy color 32.6507, 0.3568, 0.4384.

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

32.6507, 0.3568, 0.4384

Protanopia

32.6159, 0.3890, 0.4239

Deuteranopia

32.5891, 0.4078, 0.4004



Tritanopia

32.7344, 0.3019, 0.3111

Trichromacy



Original Color

32.6507, 0.3568, 0.4384

Protanomaly

32.6826, 0.3765, 0.4301

Deuteranomaly

32.3793, 0.3890, 0.4134

Tritanomaly

32.5573, 0.3233, 0.3570

Monochromacy



Original Color

32.6507, 0.3568, 0.4384

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.9921, 0.3301, 0.3689

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6507, 0.3568, 0.4384 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(145, 162, 93)` looks like.

```
.text, #text, p{  
    color:rgb(145, 162, 93)  
}
```

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(145, 162, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 162, 93) }
```

Border

The CSS property to change the border of an element to Yxy 32.6507, 0.3568, 0.4384 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(145, 162, 93) }
```

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

```
.border{ border-color:rgb(145, 162, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 162, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 162, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 162, 93);  
box-shadow:4px 4px 4px 4px rgb(145, 162,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6507, 0.3568, 0.4384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 162, 93) }
```

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

```
.background{ background-color: rgb(145,  
162, 93) }
```

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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