

Converting Colors

$Y_{xy}(32.5125, 0.4385, 0.4414)$

Have a look what the booklet for
Yxy(32.5125, 0.4385, 0.4414)
contains.

Yxy(32.5125, 0.4385, 0.4414)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.5125, 0.4385, 0.4414)

Conversions

Conversions Part 1

Format	Color
Hex	BC953C
RGB	188, 149, 60
RGB Percent	74%, 58%, 24%
CMY	0.2628, 0.4156, 0.7647
CMYK	0.00, 0.21, 0.68, 0.26
HSL	42°, 52%, 49%
HSV	42°, 68%, 74%
XYZ	32.2989, 32.5125, 8.8463
YIQ	150.5150, 51.8130, -19.4110

Conversions

Conversions Part 2

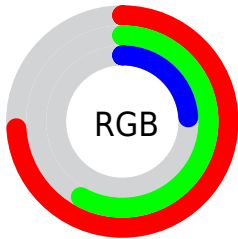
Format	Color
R_{YB}	116, 188, 60
Decimal	12358972
CIE Lab	63.76, 5.10, 50.90
CIE LCh	64, 51.157, 84.274
Yxy	32.5125, 0.4385, 0.4414
Android (android.graphics.Color)	4290549052 (0xFFBC953C)
YUV	150.5150, -44.6239, 32.8743
Hunter-Lab	57.0197, 1.3270, 30.7153

Details

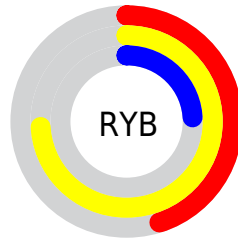
The Yxy color **32.5125, 0.4385, 0.4414** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **13.5067, 0.1967, 0.1726**, and the grayscale version is **30.9068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6559, 0.4159, 0.4227**, and **13.7512, 0.4682, 0.4656** is the 20% darker color. If you saturate the color by 10%, you get **30.5823, 0.4561, 0.4499**, and if you desaturate by 10%, it is **34.6055, 0.4192, 0.4289**.

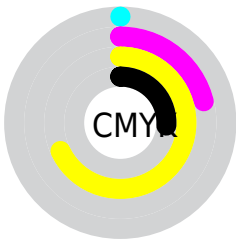
Distribution



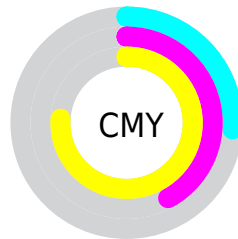
- Red (74%)
- Green (58%)
- Blue (24%)



- Red (45%)
- Yellow (74%)
- Blue (24%)



- Cyan (0%)
- Magenta (21%)
- Yellow (68%)
- Black (26%)





- Cyan (26%)
- Magenta (42%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5125, 0.4385, 0.4414 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 32.5125, 0.4385, 0.4414 by changing the saturation by 10% instead.


 32.5125, 0.4385,
0.4414


 32.5125, 0.4385,
0.4414


313.4473, 0.3755,
0.3869

 21.7533, 0.4526,
0.4528


 63.6137, 0.4164,
0.4229


 13.6757, 0.4691,
0.4653


 84.7244, 0.4078,
0.4155


 7.8955, 0.4893,
0.4797


 110.0544, 0.4004,
0.4090

 4.0281, 0.5093,
0.4907

 139.9880, 0.3941,
0.4034

 1.6893, 0.5166,
0.4834

 174.9098, 0.3885,
0.3985

 0.4167, 0.5554,
0.4446

 215.2039, 0.3836,

 0.0000, 0.0000,

0.3942

0.0000

261.2550, 0.3794,
0.3904

■ 32.5125, 0.4385,
0.4414

■ 32.5125, 0.4385,
0.4414

■ 30.5823, 0.4561,
0.4499

■ 34.6055, 0.4192,
0.4289

■ 28.8010, 0.4712,
0.4538

■ 36.8645, 0.3991,
0.4136

■ 27.1566, 0.4834,
0.4529

■ 39.2982, 0.3791,
0.3965

■ 26.8539, 0.4857,
0.4526

■ 41.9133, 0.3599,
0.3785

■ 44.7157, 0.3418,
0.3604

■ 47.7111, 0.3251,
0.3427

■ 50.9050, 0.3099,
0.3259

■ 54.3025, 0.2962,
0.3100

■ 57.9084, 0.2839,
0.2953

Harmonies

Analogous

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



32.5125, 0.4711, 0.3860



32.5125, 0.4385, 0.4414



32.5125, 0.3744, 0.4760

Triad

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



32.5125, 0.4385, 0.4414



32.5125, 0.1870, 0.3047



32.5125, 0.3111, 0.2325

Complementary

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



32.5125, 0.4385, 0.4414



13.5067, 0.1967, 0.1726

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.



32.5125, 0.2391, 0.2105



32.5125, 0.4385, 0.4414



32.5125, 0.1754, 0.2423

Square

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



32.5125, 0.4385, 0.4414



32.5125, 0.2296, 0.3907



32.5125, 0.1930, 0.2123



32.5125, 0.3937, 0.2738

Rectangle

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



32.5125, 0.4385, 0.4414



32.5125, 0.3236, 0.4730



32.5125, 0.1930, 0.2123



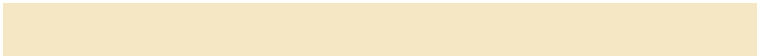
32.5125, 0.2848, 0.2227

Sweetspot

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



32.5141, 0.4385, 0.4414



79.8887, 0.3457, 0.3644



14.8501, 0.4631, 0.2787



16.8698, 0.3508, 0.3695



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



32.5141, 0.4385, 0.4414



53.7071, 0.4644, 0.4526



44.2333, 0.3825, 0.4945



10.6168, 0.3271, 0.3449



18.4229, 0.4846, 0.4534



0.8319, 0.4655, 0.4686

Inverse Universe

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



13.5067, 0.1967, 0.1726



17.2579, 0.1760, 0.1346



8.7205, 0.1999, 0.1219



9.6864, 0.2984, 0.3126



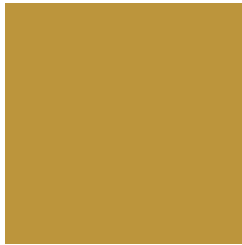
4.5973, 0.1619, 0.1028



0.2991, 0.1759, 0.1533

Previews

White Background



This preview shows how the Yxy color 32.5125, 0.4385, 0.4414 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 32.5125, 0.4385, 0.4414 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 32.5125, 0.4385, 0.4414

Background



This preview shows how black text looks on a background with the Yxy color 32.5125, 0.4385, 0.4414.



This preview shows how white text looks on a background with the Yxy color 32.5125, 0.4385, 0.4414.

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

32.5125, 0.4385, 0.4414

Protanopia

32.5611, 0.4143, 0.4557

Deuteranopia

32.5418, 0.4450, 0.4353



Tritanopia

32.5603, 0.3626, 0.3158

Trichromacy



Original Color

32.5125, 0.4385, 0.4414

Protanomaly

32.5844, 0.4233, 0.4509

Deuteranomaly

32.5931, 0.4420, 0.4376

Tritanomaly

32.1357, 0.3947, 0.3647

Monochromacy



Original Color

32.5125, 0.4385, 0.4414

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.0132, 0.3593, 0.3779

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5125, 0.4385, 0.4414 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(188, 149, 60)` looks like.

```
.text, #text, p{  
    color:rgb(188, 149, 60)  
}
```

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(188, 149, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 149, 60) }
```

Border

The CSS property to change the border of an element to Yxy 32.5125, 0.4385, 0.4414 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(188, 149, 60) }
```

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

```
.border{ border-color:rgb(188, 149, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 149, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 149, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 149, 60);  
box-shadow:4px 4px 4px 4px rgb(188, 149,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5125, 0.4385, 0.4414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 149, 60) }
```

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

```
.background{ background-color: rgb(188,  
149, 60) }
```

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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