

Converting Colors

$Yxy(32.2743, 0.3653, 0.3436)$

Have a look what the booklet for
Yxy(32.2743, 0.3653, 0.3436)
contains.

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Color

Yxy(32.1904, 0.3654, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	B89187
RGB	184, 145, 135
RGB Percent	72%, 57%, 53%
CMY	0.2783, 0.4314, 0.4706
CMYK	0.00, 0.21, 0.27, 0.28
HSL	12°, 26%, 63%
HSV	12°, 27%, 72%
XYZ	34.2726, 32.1904, 27.3318
YIQ	155.5210, 26.4540, 5.1580

Conversions

Conversions Part 2

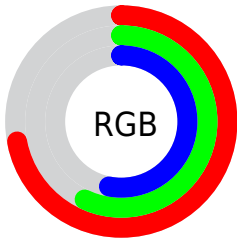
Format	Color
RYB	184, 148, 135
Decimal	12095879
CIELab	63.50, 13.21, 10.91
CIELCh	63, 17.130, 39.541
Yxy	32.1904, 0.3654, 0.3432
Android (android.graphics.Color)	4290285959 (0xFFB89187)
YUV	155.5210, -10.1169, 24.9761
Hunter-Lab	56.7366, 8.5368, 11.1537

Details

The Yxy color **32.1904, 0.3654, 0.3432** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.9080, 0.2730, 0.3143**, and the grayscale version is **33.0604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1785, 0.3550, 0.3410**, and **13.4071, 0.3841, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **27.5236, 0.3928, 0.3488**, and if you desaturate by 10%, it is **37.5277, 0.3425, 0.3376**.

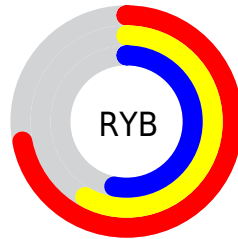
Distribution



Red (72%)

Green (57%)

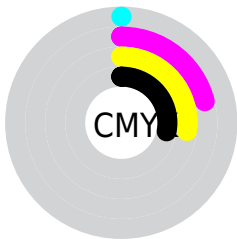
Blue (53%)



Red (72%)

Yellow (58%)

Blue (53%)

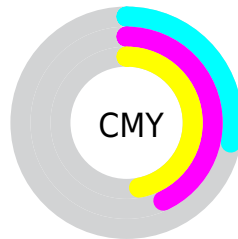


Cyan (0%)

Magenta (21%)

Yellow (27%)

Black (28%)



Cyan (28%)


Magenta (43%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1904, 0.3654, 0.3432 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 32.1904, 0.3654, 0.3432 by changing the saturation by 10% instead.


 32.1904, 0.3654,
0.3432


 32.1904, 0.3654,
0.3432


311.9857, 0.3372,
0.3362


 21.5070, 0.3731,
0.3449


 63.1095, 0.3547,
0.3407

 13.4951, 0.3834,
0.3470


 84.1139, 0.3508,
0.3397

 7.7703, 0.3979,
0.3496


 109.3274, 0.3476,
0.3389

 3.9483, 0.4196,
0.3528

139.1345, 0.3449,
0.3382

 1.6447, 0.4559,
0.3566

173.9194, 0.3425,
0.3376

 0.3875, 0.6406,
0.3594


214.0667, 0.3405,


 0.0000, 0.0000,

0.3371

0.0000

259.9606, 0.3388,
0.3366


 32.1904, 0.3654,
0.3432


 32.1904, 0.3654,
0.3432


 27.5236, 0.3928,
0.3488

 37.5277, 0.3425,
0.3376

 23.4963, 0.4250,
0.3541


 43.5562, 0.3235,
0.3323


 20.0816, 0.4619,
0.3585

 50.3010, 0.3077,
0.3274

 17.2491, 0.5021,
0.3611

 57.7847, 0.2947,
0.3229

 14.9654, 0.5429,
0.3609

 66.0290, 0.2838,
0.3187

■ 13.1939, 0.5800,
0.3574

■ 75.0545, 0.2747,
0.3150

■ 11.8919, 0.6087,
0.3505

■ 84.2990, 0.2713,
0.3209

■ 11.5469, 0.6170,
0.3483

■ 88.9349, 0.2721,
0.3289

Harmonies

Analogous

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



32.1904, 0.3519, 0.3204



32.1904, 0.3654, 0.3432



32.1904, 0.3640, 0.3636

Triad

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



32.1904, 0.3654, 0.3432



32.1904, 0.2966, 0.3603



32.1904, 0.2770, 0.2843

Complementary

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



32.1904, 0.3654, 0.3432



38.9080, 0.2730, 0.3143

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.



32.1904, 0.2636, 0.2925



32.1904, 0.3654, 0.3432



32.1904, 0.2746, 0.3362

Square

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



32.1904, 0.3654, 0.3432



32.1904, 0.3236, 0.3751



32.1904, 0.2628, 0.3111



32.1904, 0.3001, 0.2874

Rectangle

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



32.1904, 0.3654, 0.3432



32.1904, 0.3549, 0.3730



32.1904, 0.2628, 0.3111



32.1904, 0.2713, 0.2858

Sweetspot

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



32.1919, 0.3654, 0.3432



77.2092, 0.3261, 0.3331



30.5905, 0.3257, 0.2759



16.2799, 0.3288, 0.3339



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



32.1919, 0.3654, 0.3432



53.2008, 0.3810, 0.3465



40.4427, 0.3570, 0.3760



9.3005, 0.3283, 0.3337



8.0380, 0.6150, 0.3499



0.3715, 0.5667, 0.3883

Inverse Universe

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



38.9080, 0.2730, 0.3143



67.4175, 0.2647, 0.3106



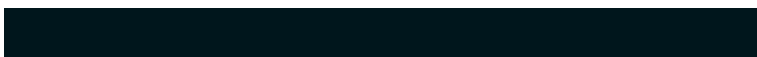
30.3366, 0.2695, 0.2770



9.8917, 0.2985, 0.3242



16.7722, 0.2065, 0.2632



0.6710, 0.2117, 0.2820

Previews

White Background



This preview shows how the Yxy color 32.1904, 0.3654, 0.3432 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 32.1904, 0.3654, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

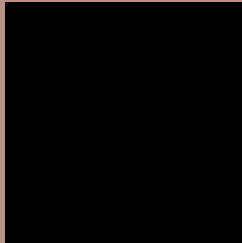
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1904, 0.3654, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 32.1904, 0.3654, 0.3432.



This preview shows how white text looks on a background with the Yxy color 32.1904, 0.3654, 0.3432.

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

32.1904, 0.3654, 0.3432

Protanopia

32.1201, 0.3332, 0.3503

Deuteranopia

32.1311, 0.3567, 0.3494



Tritanopia

32.0850, 0.3490, 0.3139

Trichromacy



Original Color

32.1904, 0.3654, 0.3432

Protanomaly

32.0827, 0.3444, 0.3469

Deuteranomaly

32.1724, 0.3603, 0.3478

Tritanomaly

32.0345, 0.3552, 0.3249

Monochromacy



Original Color

32.1904, 0.3654, 0.3432

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.7016, 0.3308, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1904, 0.3654, 0.3432 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(184, 145, 135)` looks like.

```
.text, #text, p{  
    color:rgb(184, 145, 135)  
}
```

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(184, 145, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 145, 135) }
```

Border

The CSS property to change the border of an element to Yxy 32.1904, 0.3654, 0.3432 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(184, 145, 135) }
```

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

```
.border{ border-color:rgb(184, 145, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 145, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 145, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 145, 135);  
box-shadow:4px 4px 4px 4px rgb(184, 145,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1904, 0.3654, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 145, 135) }
```

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

```
.background{ background-color: rgb(184,  
145, 135) }
```

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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