

Converting Colors

Yxy(32.2105, 0.5000, 0.3622)

Have a look what the booklet for
Yxy(32.2105, 0.5000, 0.3622)
contains.

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Color

Yxy(32.2399, 0.5004, 0.3619)

Conversions

Conversions Part 1

Format	Color
Hex	F27554
RGB	242, 117, 84
RGB Percent	95%, 46%, 33%
CMY	0.0510, 0.5411, 0.6705
CMYK	0.00, 0.52, 0.65, 0.05
HSL	13°, 86%, 64%
HSV	13°, 65%, 95%
XYZ	44.5782, 32.2399, 12.2670
YIQ	150.6130, 85.0930, 16.2370

Conversions

Conversions Part 2

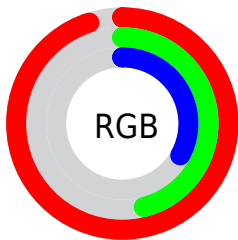
Format	Color
RYB	242, 126, 84
Decimal	15889748
CIELab	63.54, 45.63, 40.54
CIELCh	64, 61.039, 41.623
Yxy	32.2399, 0.5004, 0.3619
Android (android.graphics.Color)	4294079828 (0xFFFF27554)
YUV	150.6130, -32.8402, 80.1464
Hunter-Lab	56.7802, 40.7752, 26.9369

Details

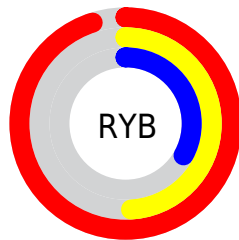
The Yxy color **32.2399, 0.5004, 0.3619** is a light color, and the websafe version is hex **CC6633**. The color can be described as light muted orange. A complement of this color would be **53.9020, 0.2253, 0.2859**, and the grayscale version is **30.8920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4863, 0.4238, 0.3689**, and **13.5037, 0.5561, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **27.9104, 0.5417, 0.3619**, and if you desaturate by 10%, it is **37.6163, 0.4598, 0.3591**.

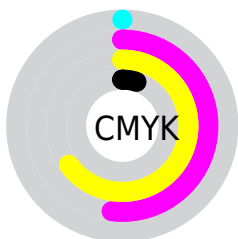
Distribution



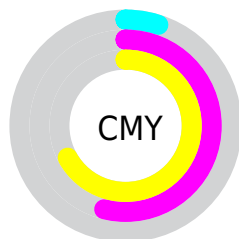
- Red (95%)
- Green (46%)
- Blue (33%)



- Red (95%)
- Yellow (49%)
- Blue (33%)



- Cyan (0%)
- Magenta (52%)
- Yellow (65%)
- Black (5%)





- Cyan (5%)
- Magenta (54%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2399, 0.5004, 0.3619 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 32.2399, 0.5004, 0.3619 by changing the saturation by 10% instead.

 32.2399, 0.5004,
0.3619


 32.2399, 0.5004,
0.3619


312.2106, 0.4020,
0.3527


 21.5448, 0.5250,
0.3611

 63.1870, 0.4643,
0.3607


 13.5228, 0.5558,
0.3579


 84.2078, 0.4508,
0.3596


 7.7895, 0.5947,
0.3500


 109.4392, 0.4394,
0.3584

 3.9606, 0.6593,
0.3405

 139.2658, 0.4297,
0.3571

 1.6515, 0.7043,
0.2957

 174.0718, 0.4213,
0.3559

 0.3920, 0.8094,
0.1906

214.2417, 0.4140,

 0.0000, 1.0000,

0.3548

0.0000

260.1598, 0.4076,
0.3537

■ 0.0000, 0.0000,
0.0000

■ 32.2399, 0.5004,
0.3619

■ 32.2399, 0.5004,
0.3619

■ 27.9104, 0.5417,
0.3619

■ 37.6163, 0.4598,
0.3591

■ 24.5523, 0.5793,
0.3582

■ 44.0977, 0.4227,
0.3545


■ 22.0880, 0.6081,
0.3510

■ 51.7441, 0.3904,
0.3489


■ 21.2021, 0.6185,
0.3471

■ 60.6096, 0.3630,
0.3430

■ 70.7447, 0.3402,
0.3372

 82.1971, 0.3213,
0.3317

 95.0122, 0.3057,
0.3266

 97.6156, 0.3047,
0.3290

Harmonies

Analogous

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



32.2399, 0.4581, 0.2975



32.2399, 0.5004, 0.3619



32.2399, 0.4806, 0.4293

Triad

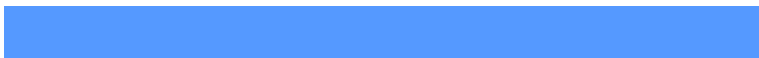
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.2399, 0.5004, 0.3619



32.2399, 0.2438, 0.4470



32.2399, 0.2001, 0.1894

Complementary

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



32.2399, 0.5004, 0.3619



53.9020, 0.2253, 0.2859

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.



32.2399, 0.1620, 0.2027



32.2399, 0.5004, 0.3619



32.2399, 0.1817, 0.3397

Square

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



32.2399, 0.5004, 0.3619



32.2399, 0.3299, 0.5063



32.2399, 0.1553, 0.2508



32.2399, 0.2709, 0.2038

Rectangle

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



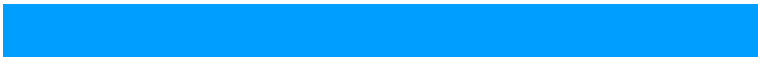
32.2399, 0.5004, 0.3619



32.2399, 0.4411, 0.4712



32.2399, 0.1553, 0.2508



32.2399, 0.1838, 0.1905

Sweetspot

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



32.2416, 0.5004, 0.3619



74.0417, 0.3506, 0.3400



29.8941, 0.3534, 0.2052



15.1698, 0.3571, 0.3416



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



32.2416, 0.5004, 0.3619



30.2127, 0.5534, 0.3612



58.3686, 0.4346, 0.4401



16.2935, 0.3288, 0.3340



11.5488, 0.6160, 0.3491



1.0997, 0.5914, 0.3686

Inverse Universe

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



53.9020, 0.2253, 0.2859



55.8892, 0.2152, 0.2759



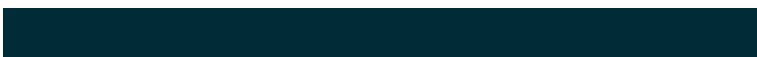
24.6419, 0.1993, 0.1763



17.3358, 0.2981, 0.3240



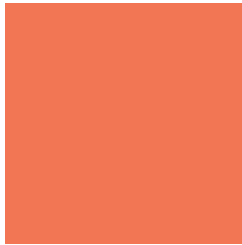
23.7758, 0.2057, 0.2605



2.1168, 0.2085, 0.2705

Previews

White Background



This preview shows how the Yxy color 32.2399, 0.5004, 0.3619 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 32.2399, 0.5004, 0.3619 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 32.2399, 0.5004, 0.3619

Background



This preview shows how black text looks on a background with the Yxy color 32.2399, 0.5004, 0.3619.



This preview shows how white text looks on a background with the Yxy color 32.2399, 0.5004, 0.3619.

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

32.2399, 0.5004, 0.3619

Protanopia

32.3179, 0.3813, 0.4120

Deuteranopia

32.3646, 0.4285, 0.4197



Tritanopia

32.1775, 0.4640, 0.3211

Trichromacy



Original Color

32.2399, 0.5004, 0.3619

Protanomaly

31.4422, 0.4246, 0.3926

Deuteranomaly

31.7428, 0.4564, 0.3964

Tritanomaly

32.1509, 0.4779, 0.3367

Monochromacy



Original Color

32.2399, 0.5004, 0.3619

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.1879, 0.3765, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2399, 0.5004, 0.3619 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(242, 117, 84)` looks like.

```
.text, #text, p{  
    color:rgb(242, 117, 84)  
}
```

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(242, 117, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 117, 84) }
```

Border

The CSS property to change the border of an element to Yxy 32.2399, 0.5004, 0.3619 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(242, 117, 84) }
```

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

```
.border{ border-color:rgb(242, 117, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 117, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 117, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 117, 84);  
box-shadow:4px 4px 4px 4px rgb(242, 117,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2399, 0.5004, 0.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 117, 84) }
```

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

```
.background{ background-color: rgb(242,  
117, 84) }
```

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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