

Converting Colors

$Y_{xy}(32.7990, 0.4624, 0.3690)$

Have a look what the booklet for
Yxy(32.7990, 0.4624, 0.3690)
contains.

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Color

Yxy(32.7990, 0.4624, 0.3690)

Conversions

Conversions Part 1

Format	Color
Hex	E1825F
RGB	225, 130, 95
RGB Percent	88%, 51%, 37%
CMY	0.1176, 0.4902, 0.6275
CMYK	0.00, 0.42, 0.58, 0.12
HSL	16°, 68%, 63%
HSV	16°, 58%, 88%
XYZ	41.1010, 32.7990, 14.9862
YIQ	154.4150, 67.8550, 9.2550

Conversions

Conversions Part 2

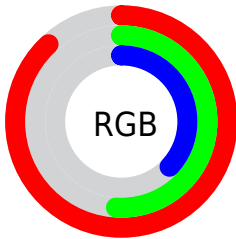
Format	Color
R_{YB}	225, 143, 95
Decimal	14778975
CIE _{Lab}	64.00, 33.28, 34.67
CIE _{LCh}	64, 48.057, 46.166
Yxy	32.7990, 0.4624, 0.3690
Android (android.graphics.Color)	4292969055 (0xFFE1825F)
YUV	154.4150, -29.2916, 61.9030
Hunter-Lab	57.2704, 27.8800, 24.5746

Details

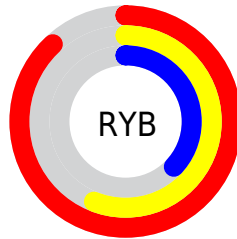
The Yxy color **32.7990, 0.4624, 0.3690** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **44.6903, 0.2304, 0.2805**, and the grayscale version is **32.6160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6163, 0.4071, 0.3690**, and **13.8047, 0.5077, 0.3719** is the 20% darker color. If you saturate the color by 10%, you get **28.4191, 0.5007, 0.3724**, and if you desaturate by 10%, it is **37.9992, 0.4268, 0.3633**.

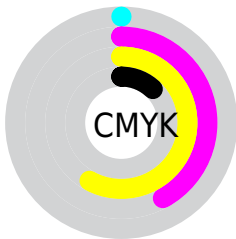
Distribution



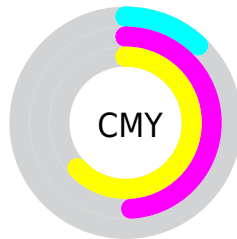
- Red (88%)
- Green (51%)
- Blue (37%)



- Red (88%)
- Yellow (56%)
- Blue (37%)



- Cyan (0%)
- Magenta (42%)
- Yellow (58%)
- Black (12%)





- Cyan (12%)
- Magenta (49%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7990, 0.4624, 0.3690 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 32.7990, 0.4624, 0.3690 by changing the saturation by 10% instead.

 32.7990, 0.4624,
0.3690


 32.7990, 0.4624,
0.3690


314.7430, 0.3834,
0.3531


 21.9725, 0.4827,
0.3710


 64.0616, 0.4331,
0.3645


 13.8367, 0.5087,
0.3722


 85.2665, 0.4222,
0.3624

 8.0072, 0.5426,
0.3711


 110.6996, 0.4131,
0.3605

 4.0995, 0.5916,
0.3665

 140.7454, 0.4054,
0.3587

 1.7294, 0.6539,
0.3461

175.7883, 0.3987,
0.3571

 0.4426, 0.7456,
0.2544

216.2126, 0.3929,

 0.0000, 1.0000,

0.3556

0.0000

262.4027, 0.3879,
0.3543

0.0000, 0.0000,
0.0000

32.7990, 0.4624,
0.3690

32.7990, 0.4624,
0.3690

28.4191, 0.5007,
0.3724

37.9992, 0.4268,
0.3633

24.8108, 0.5390,
0.3723

44.0549, 0.3952,
0.3563

21.9278, 0.5734,
0.3679

51.0051, 0.3679,
0.3488

19.7138, 0.6003,
0.3594

58.8849, 0.3449,
0.3414

19.3042, 0.6055,
0.3574

67.7274, 0.3256,
0.3342

■ 77.5642, 0.3094,
0.3276

■ 88.4254, 0.2958,
0.3214

■ 94.7490, 0.2946,
0.3289

Harmonies

Analogous

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



32.7990, 0.4347, 0.3138



32.7990, 0.4624, 0.3690



32.7990, 0.4436, 0.4230

Triad

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



32.7990, 0.4624, 0.3690



32.7990, 0.2505, 0.4076



32.7990, 0.2289, 0.2149

Complementary

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



32.7990, 0.4624, 0.3690



44.6903, 0.2304, 0.2805

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.



32.7990, 0.1921, 0.2238



32.7990, 0.4624, 0.3690



32.7990, 0.2022, 0.3273

Square

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



32.7990, 0.4624, 0.3690



32.7990, 0.3192, 0.4614



32.7990, 0.1828, 0.2608



32.7990, 0.2913, 0.2299

Rectangle

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



32.7990, 0.4624, 0.3690



32.7990, 0.4106, 0.4520



32.7990, 0.1828, 0.2608



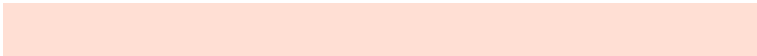
32.7990, 0.2137, 0.2150

Sweetspot

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



32.8007, 0.4624, 0.3690



78.9454, 0.3435, 0.3409



27.9224, 0.3577, 0.2245



16.4190, 0.3478, 0.3424



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.



32.8007, 0.4624, 0.3690



36.8596, 0.5072, 0.3727



55.7170, 0.4136, 0.4384



14.2981, 0.3285, 0.3354



11.2886, 0.6028, 0.3596



0.9285, 0.5723, 0.3837

Inverse Universe

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



44.6903, 0.2304, 0.2805



53.8065, 0.2184, 0.2687



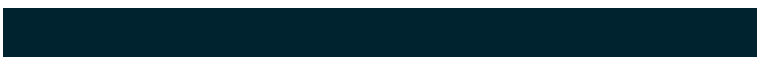
22.6172, 0.2096, 0.1846



14.9152, 0.2982, 0.3225



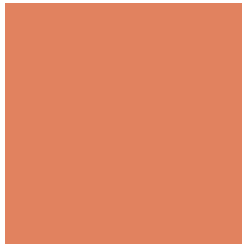
18.7176, 0.1998, 0.2394



1.4429, 0.2041, 0.2549

Previews

White Background



This preview shows how the Yxy color 32.7990, 0.4624, 0.3690 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 32.7990, 0.4624, 0.3690 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 32.7990, 0.4624, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 32.7990, 0.4624, 0.3690.



This preview shows how white text looks on a background with the Yxy color 32.7990, 0.4624, 0.3690.

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

32.7990, 0.4624, 0.3690

Protanopia

32.7874, 0.3742, 0.4033

Deuteranopia

32.7540, 0.4148, 0.4060



Tritanopia

32.8824, 0.4231, 0.3189

Trichromacy



Original Color

32.7990, 0.4624, 0.3690

Protanomaly

32.3162, 0.4064, 0.3907

Deuteranomaly

32.3790, 0.4332, 0.3916

Tritanomaly

32.8657, 0.4380, 0.3375

Monochromacy



Original Color

32.7990, 0.4624, 0.3690

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.6476, 0.3631, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7990, 0.4624, 0.3690 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(225, 130, 95)` looks like.

```
.text, #text, p{  
    color:rgb(225, 130, 95)  
}
```

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(225, 130, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 130, 95) }
```

Border

The CSS property to change the border of an element to Yxy 32.7990, 0.4624, 0.3690 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(225, 130, 95) }
```

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

```
.border{ border-color:rgb(225, 130, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 130, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 130, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 130, 95);  
box-shadow:4px 4px 4px 4px rgb(225, 130,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7990, 0.4624, 0.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 130, 95) }
```

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

```
.background{ background-color: rgb(225,  
130, 95) }
```

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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