

Converting Colors

$Y_{xy}(32.7862, 0.4989, 0.3976)$

Have a look what the booklet for
Yxy(32.7862, 0.4989, 0.3976)
contains.

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Color

Yxy(32.6954, 0.4985, 0.3974)

Conversions

Conversions Part 1

Format	Color
Hex	E5813D
RGB	229, 129, 61
RGB Percent	90%, 51%, 24%
CMY	0.1018, 0.4942, 0.7608
CMYK	0.00, 0.44, 0.73, 0.10
HSL	24°, 76%, 57%
HSV	24°, 73%, 90%
XYZ	41.0132, 32.6954, 8.5646
YIQ	151.1480, 81.4280, 0.0520

Conversions

Conversions Part 2

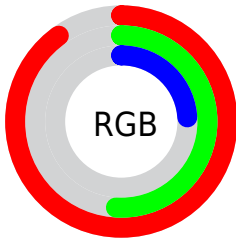
Format	Color
R _{YB}	229, 175, 61
Decimal	15040829
CIE _{Lab}	63.91, 33.38, 52.09
CIE _{LCh}	64, 61.865, 57.349
Yxy	32.6954, 0.4985, 0.3974
Android (android.graphics.Color)	4293230909 (0xFFE5813D)
YUV	151.1480, -44.4430, 68.2762
Hunter-Lab	57.1799, 27.9673, 31.1452

Details

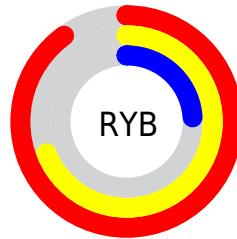
The Yxy color **32.6954, 0.4985, 0.3974** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **32.1585, 0.2062, 0.2300**, and the grayscale version is **31.1824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2968, 0.4353, 0.4011**, and **13.7868, 0.5475, 0.3993** is the 20% darker color. If you saturate the color by 10%, you get **29.1452, 0.5291, 0.3970**, and if you desaturate by 10%, it is **36.8339, 0.4663, 0.3931**.

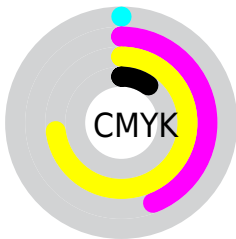
Distribution



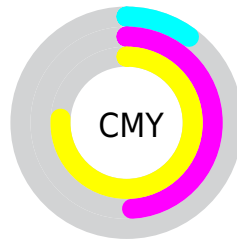
- Red (90%)
- Green (51%)
- Blue (24%)



- Red (90%)
- Yellow (69%)
- Blue (24%)



- Cyan (0%)
- Magenta (44%)
- Yellow (73%)
- Black (10%)





- Cyan (10%)
- Magenta (49%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6954, 0.4985, 0.3974 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 32.6954, 0.4985, 0.3974 by changing the saturation by 10% instead.


 32.6954, 0.4985,
0.3974


 32.6954, 0.4985,
0.3974


314.2750, 0.4036,
0.3715

 21.8932, 0.5206,
0.3997


 63.8997, 0.4647,
0.3908


 13.7784, 0.5472,
0.3998


 85.0706, 0.4517,
0.3874


 7.9667, 0.5811,
0.3967


 110.4664, 0.4406,
0.3842

 4.0737, 0.6180,
0.3820

 140.4717, 0.4311,
0.3813

 1.7149, 0.6547,
0.3453

 175.4709, 0.4228,
0.3785

 0.4332, 0.7483,
0.2517

 215.8482, 0.4156,

 0.0000, 1.0000,

0.3760

0.0000

261.9881, 0.4093,
0.3737

■ 0.0000, 0.0000,
0.0000

■ 32.6954, 0.4985,
0.3974

■ 32.6954, 0.4985,
0.3974

■ 29.1452, 0.5291,
0.3970

■ 36.8339, 0.4663,
0.3931

■ 26.1446, 0.5557,
0.3912


■ 41.5851, 0.4347,
0.3854


■ 24.4328, 0.5707,
0.3851


■ 46.9781, 0.4052,
0.3756


■ 53.0381, 0.3788,
0.3647

■ 59.7889, 0.3555,
0.3536

 67.2529, 0.3353,
0.3427

 75.4515, 0.3180,
0.3323

 84.4051, 0.3031,
0.3227

 93.3269, 0.2970,
0.3257

Harmonies

Analogous

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



32.6954, 0.4896, 0.3304



32.6954, 0.4985, 0.3974



32.6954, 0.4517, 0.4636

Triad

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



32.6954, 0.4985, 0.3974



32.6954, 0.2062, 0.3925



32.6954, 0.2325, 0.1928

Complementary

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



32.6954, 0.4985, 0.3974



32.1585, 0.2062, 0.2300

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.



32.6954, 0.1770, 0.1910



32.6954, 0.4985, 0.3974



32.6954, 0.1624, 0.2877

Square

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



32.6954, 0.4985, 0.3974



32.6954, 0.2828, 0.4866



32.6954, 0.1539, 0.2198



32.6954, 0.3196, 0.2204

Rectangle

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



32.6954, 0.4985, 0.3974



32.6954, 0.4011, 0.4978



32.6954, 0.1539, 0.2198



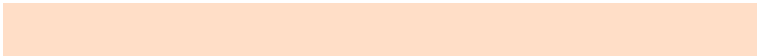
32.6954, 0.2103, 0.1892

Sweetspot

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



32.6971, 0.4985, 0.3974



77.4078, 0.3529, 0.3522



22.6035, 0.4073, 0.2273



16.0400, 0.3588, 0.3552



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.



32.6971, 0.4985, 0.3974



35.1264, 0.5435, 0.3947



64.2014, 0.4212, 0.4763



15.3205, 0.3282, 0.3386



14.1873, 0.5679, 0.3873



1.2268, 0.5414, 0.4083

Inverse Universe

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



32.1585, 0.2062, 0.2300



34.1315, 0.1928, 0.2062



12.0728, 0.1766, 0.1135



15.3070, 0.2981, 0.3193



13.6006, 0.1864, 0.1911



1.1862, 0.1926, 0.2133

Previews

White Background



This preview shows how the Yxy color 32.6954, 0.4985, 0.3974 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 32.6954, 0.4985, 0.3974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

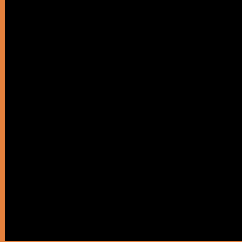
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6954, 0.4985, 0.3974

Background



This preview shows how black text looks on a background with the Yxy color 32.6954, 0.4985, 0.3974.



This preview shows how white text looks on a background with the Yxy color 32.6954, 0.4985, 0.3974.

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

32.6954, 0.4985, 0.3974

Protanopia

33.0908, 0.4096, 0.4489

Deuteranopia

32.9347, 0.4485, 0.4402



Tritanopia

32.6101, 0.4353, 0.3192

Trichromacy



Original Color

32.6954, 0.4985, 0.3974

Protanomaly

32.2886, 0.4424, 0.4295

Deuteranomaly

32.6206, 0.4675, 0.4234

Tritanomaly

32.5910, 0.4627, 0.3504

Monochromacy



Original Color

32.6954, 0.4985, 0.3974

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.5366, 0.3791, 0.3653

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6954, 0.4985, 0.3974 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(229, 129, 61)` looks like.

```
.text, #text, p{  
    color:rgb(229, 129, 61)  
}
```

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(229, 129, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 129, 61) }
```

Border

The CSS property to change the border of an element to Yxy 32.6954, 0.4985, 0.3974 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(229, 129, 61) }
```

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

```
.border{ border-color:rgb(229, 129, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 129, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 129, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 129, 61);  
box-shadow:4px 4px 4px 4px rgb(229, 129,  
61) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.6954, 0.4985, 0.3974$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 129, 61) }
```

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

```
.background{ background-color: rgb(229,  
129, 61) }
```

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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