

Converting Colors

$Yxy(29.4704, 0.4546, 0.3669)$

Have a look what the booklet for
Yxy(29.4704, 0.4546, 0.3669)
contains.

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Color

Yxy(29.4724, 0.4544, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	D47D5E
RGB	212, 125, 94
RGB Percent	83%, 49%, 37%
CMY	0.1687, 0.5097, 0.6314
CMYK	0.00, 0.41, 0.56, 0.17
HSL	16°, 58%, 60%
HSV	16°, 56%, 83%
XYZ	36.5011, 29.4724, 14.3546
YIQ	147.4790, 61.8030, 8.8030

Conversions

Conversions Part 2

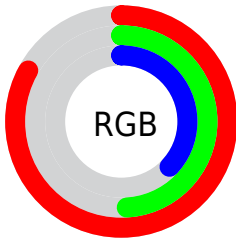
Format	Color
R_{YB}	212, 136, 94
Decimal	13925726
CIE _{Lab}	61.20, 30.69, 31.31
CIE _{LCh}	61, 43.841, 45.568
Yxy	29.4724, 0.4544, 0.3669
Android (android.graphics.Color)	4292115806 (0xFFD47D5E)
YUV	147.4790, -26.3651, 56.5849
Hunter-Lab	54.2885, 25.0104, 22.3248

Details

The Yxy color **29.4724, 0.4544, 0.3669** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **40.1651, 0.2334, 0.2839**, and the grayscale version is **29.4800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1451, 0.4109, 0.3638**, and **12.0097, 0.5000, 0.3715** is the 20% darker color. If you saturate the color by 10%, you get **25.4937, 0.4924, 0.3708**, and if you desaturate by 10%, it is **34.1810, 0.4195, 0.3610**.

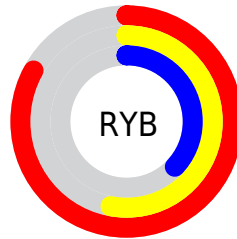
Distribution



Red (83%)

Green (49%)

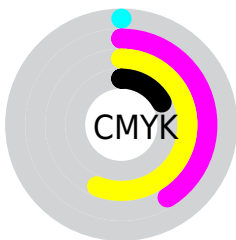
Blue (37%)



Red (83%)

Yellow (53%)

Blue (37%)

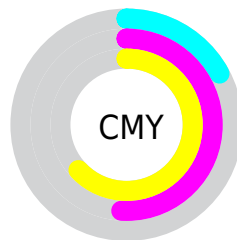


Cyan (0%)

Magenta (41%)

Yellow (56%)

Black (17%)



Cyan (17%)


Magenta (51%)


Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.4724, 0.4544, 0.3669 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 29.4724, 0.4544, 0.3669 by changing the saturation by 10% instead.


 29.4724, 0.4544,
0.3669


 29.4724, 0.4544,
0.3669


299.4374, 0.3782,
0.3511

 19.4385, 0.4746,
0.3691


 58.8268, 0.4257,
0.3622

 11.9875, 0.5010,
0.3707


 78.9161, 0.4151,
0.3601

 6.7352, 0.5361,
0.3700


 103.1259, 0.4064,
0.3582

 3.2970, 0.5913,
0.3678

 131.8407, 0.3990,
0.3565

 1.2887, 0.6563,
0.3437

165.4448, 0.3926,
0.3549

 0.1324, 0.8686,
0.1314

204.3227, 0.3872,

 0.0000, 0.0000,

0.3535

0.0000

248.8588, 0.3824,
0.3522

■ 29.4724, 0.4544,
0.3669

■ 29.4724, 0.4544,
0.3669

■ 25.4937, 0.4924,
0.3708

■ 34.1810, 0.4195,
0.3610

■ 22.2025, 0.5311,
0.3716

■ 39.6498, 0.3889,
0.3540

■ 19.5589, 0.5670,
0.3682

■ 45.9130, 0.3626,
0.3467

■ 17.5160, 0.5958,
0.3605

■ 53.0012, 0.3404,
0.3395

■ 16.7962, 0.6063,
0.3568

■ 60.9432, 0.3218,
0.3327

■ 69.7667, 0.3063,
0.3263

■ 79.4979, 0.2933,
0.3204

■ 89.5966, 0.2869,
0.3238

■ 92.7340, 0.2871,
0.3289

Harmonies

Analogous

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



29.4724, 0.4271, 0.3140



29.4724, 0.4544, 0.3669



29.4724, 0.4380, 0.4182

Triad

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



29.4724, 0.4544, 0.3669



29.4724, 0.2552, 0.4043



29.4724, 0.2322, 0.2201

Complementary

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



29.4724, 0.4544, 0.3669



40.1651, 0.2334, 0.2839

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.



29.4724, 0.1973, 0.2294



29.4724, 0.4544, 0.3669



29.4724, 0.2083, 0.3293

Square

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



29.4724, 0.4544, 0.3669



29.4724, 0.3208, 0.4540



29.4724, 0.1889, 0.2657



29.4724, 0.2913, 0.2340

Rectangle

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



29.4724, 0.4544, 0.3669



29.4724, 0.4073, 0.4454



29.4724, 0.1889, 0.2657



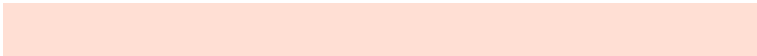
29.4724, 0.2177, 0.2204

Sweetspot

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



29.4739, 0.4544, 0.3669



78.7961, 0.3435, 0.3406



25.3972, 0.3528, 0.2260



16.3840, 0.3479, 0.3420



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.



29.4739, 0.4544, 0.3669



37.6204, 0.5004, 0.3713



48.4572, 0.4108, 0.4328



12.9464, 0.3285, 0.3352



10.5115, 0.6039, 0.3587



0.7697, 0.5694, 0.3861

Inverse Universe

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



40.1651, 0.2334, 0.2839



55.2464, 0.2207, 0.2722



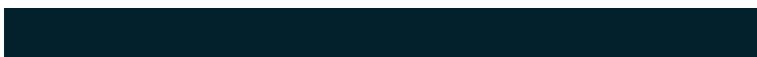
21.4215, 0.2145, 0.1943



13.5296, 0.2982, 0.3227



17.8394, 0.2005, 0.2419



1.2075, 0.2052, 0.2587

Previews

White Background



This preview shows how the Yxy color 29.4724, 0.4544, 0.3669 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4724, 0.4544, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

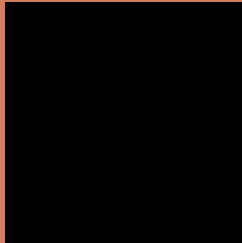
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4724, 0.4544, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 29.4724, 0.4544, 0.3669.



This preview shows how white text looks on a background with the Yxy color 29.4724, 0.4544, 0.3669.

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

29.4724, 0.4544, 0.3669

Protanopia

29.6327, 0.3708, 0.3990

Deuteranopia

29.3888, 0.4089, 0.4005



Tritanopia

29.3141, 0.4169, 0.3182

Trichromacy



Original Color

29.4724, 0.4544, 0.3669

Protanomaly

29.2600, 0.4002, 0.3868

Deuteranomaly

29.1770, 0.4259, 0.3874

Tritanomaly

29.3262, 0.4312, 0.3368

Monochromacy



Original Color

29.4724, 0.4544, 0.3669

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.6817, 0.3606, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4724, 0.4544, 0.3669 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(212, 125, 94)` looks like.

```
.text, #text, p{  
    color:rgb(212, 125, 94)  
}
```

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(212, 125, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 125, 94) }
```

Border

The CSS property to change the border of an element to Yxy 29.4724, 0.4544, 0.3669 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(212, 125, 94) }
```

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

```
.border{ border-color:rgb(212, 125, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 125, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 125, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 125, 94);  
box-shadow:4px 4px 4px 4px rgb(212, 125,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4724, 0.4544, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 125, 94) }
```

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

```
.background{ background-color: rgb(212,  
125, 94) }
```

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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