

Converting Colors

$Y_{xy}(14.2293, 0.3068, 0.4166)$

Have a look what the booklet for
Yxy(14.2293, 0.3068, 0.4166)
contains.

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Color

Yxy(14.1625, 0.3074, 0.4165)

Conversions

Conversions Part 1

Format	Color
Hex	4D724E
RGB	77, 114, 78
RGB Percent	30%, 45%, 31%
CMY	0.6980, 0.5529, 0.6942
CMYK	0.32, 0.00, 0.32, 0.55
HSL	122°, 19%, 37%
HSV	122°, 32%, 45%
XYZ	10.4527, 14.1625, 9.3884
YIQ	98.8330, -10.4960, -19.0400

Conversions

Conversions Part 2

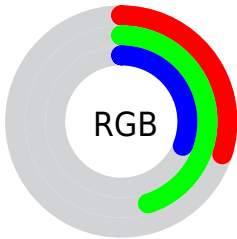
Format	Color
RYB	77, 113, 114
Decimal	5075534
CIELab	44.47, -21.07, 15.89
CIELCh	44, 26.395, 142.977
Yxy	14.1625, 0.3074, 0.4165
Android (android.graphics.Color)	4283265614 (0xFF4D724E)
YUV	98.8330, -10.2707, -19.1475
Hunter-Lab	37.6331, -16.2790, 11.5520

Details

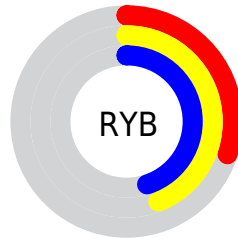
The Yxy color **14.1625, 0.3074, 0.4165** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.0780, 0.3179, 0.2547**, and the grayscale version is **12.4616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3168, 0.3097, 0.3935**, and **4.2823, 0.3011, 0.4675** is the 20% darker color. If you saturate the color by 10%, you get **13.5838, 0.3056, 0.4489**, and if you desaturate by 10%, it is **14.8524, 0.3092, 0.3863**.

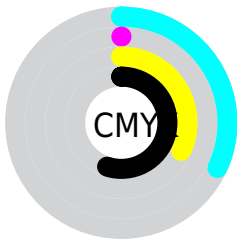
Distribution



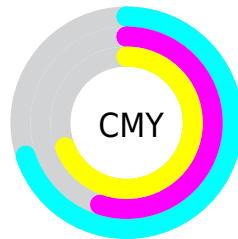
- Red (30%)
- Green (45%)
- Blue (31%)



- Red (30%)
- Yellow (44%)
- Blue (45%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (55%)





- Cyan (70%)
- Magenta (55%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.1625, 0.3074, 0.4165 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 14.1625, 0.3074, 0.4165 by changing the saturation by 10% instead.


 14.1625, 0.3074,
0.4165


 14.1625, 0.3074,
0.4165


218.2394, 0.3117,
0.3621


 8.2338, 0.3051,
0.4358


 33.3771, 0.3096,
0.3932


 4.2449, 0.3008,
0.4657

 47.4317, 0.3102,
0.3856


 1.8115, 0.2942,
0.5231

 64.9638, 0.3107,
0.3796

 0.4943, 0.0000,
1.0000

 86.3577, 0.3110,
0.3748

 0.0000, 0.0000,
0.0000

 111.9978, 0.3112,
0.3708

142.2685, 0.3114,

0.3674

177.5543, 0.3116,
0.3646

■ 14.1625, 0.3074,
0.4165

■ 14.1625, 0.3074,
0.4165

■ 13.5838, 0.3056,
0.4489

■ 14.8524, 0.3092,
0.3863

■ 13.1088, 0.3039,
0.4823

■ 15.6570, 0.3108,
0.3589

■ 12.7318, 0.3023,
0.5150

■ 16.5818, 0.3124,
0.3345

■ 12.4462, 0.3010,
0.5447

■ 17.6314, 0.3138,
0.3132

■ 12.2440, 0.3002,
0.5693

■ 18.8103, 0.3150,
0.2946

■ 12.1160, 0.2997,
0.5868

■ 20.1226, 0.3161,
0.2785

■ 12.0421, 0.2992,
0.5970

■ 21.5724, 0.3171,
0.2646

■ 23.1634, 0.3180,
0.2526

■ 24.8994, 0.3188,
0.2422

Harmonies

Analogous

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



14.1625, 0.3609, 0.4286



14.1625, 0.3074, 0.4165



14.1625, 0.2579, 0.3728

Triad

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



14.1625, 0.3074, 0.4165



14.1625, 0.2261, 0.2470



14.1625, 0.4087, 0.3291

Complementary

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



14.1625, 0.3074, 0.4165



10.0780, 0.3179, 0.2547

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.



14.1625, 0.3661, 0.2890



14.1625, 0.3074, 0.4165



14.1625, 0.2598, 0.2434

Square

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



14.1625, 0.3074, 0.4165



14.1625, 0.2139, 0.2718



14.1625, 0.3104, 0.2586



14.1625, 0.4223, 0.3720

Rectangle

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



14.1625, 0.3074, 0.4165



14.1625, 0.2334, 0.3354



14.1625, 0.3104, 0.2586



14.1625, 0.3971, 0.3151

Sweetspot

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



14.1631, 0.3074, 0.4165



27.8514, 0.3112, 0.3533



16.1076, 0.3581, 0.4057



6.4026, 0.3110, 0.3560



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.1631, 0.3074, 0.4165



24.1017, 0.3060, 0.4408



14.4599, 0.2874, 0.3712



3.7645, 0.3114, 0.3501



13.4039, 0.2992, 0.5972



66.7503, 0.2997, 0.5988

Inverse Universe

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



10.0780, 0.3179, 0.2547



15.7224, 0.3191, 0.2380



9.7096, 0.3487, 0.2905



3.4520, 0.3140, 0.3088



5.2583, 0.3275, 0.1578



26.1727, 0.3278, 0.1580

Previews

White Background



This preview shows how the Yxy color 14.1625, 0.3074, 0.4165 looks on a white 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

Black Background



This preview shows how the Yxy color 14.1625, 0.3074, 0.4165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

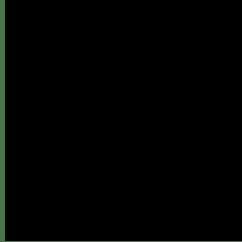
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1625, 0.3074, 0.4165

Background



This preview shows how black text looks on a background with the Yxy color 14.1625, 0.3074, 0.4165.



This preview shows how white text looks on a background with the Yxy color 14.1625, 0.3074, 0.4165.

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

14.1625, 0.3074, 0.4165

Protanopia

14.1083, 0.3667, 0.3950

Deuteranopia

14.1124, 0.3748, 0.3697



Tritanopia

14.1301, 0.2710, 0.3089

Trichromacy



Original Color

14.1625, 0.3074, 0.4165

Protanomaly

13.9424, 0.3441, 0.4035

Deuteranomaly

13.9514, 0.3474, 0.3863

Tritanomaly

14.0975, 0.2841, 0.3475

Monochromacy



Original Color

14.1625, 0.3074, 0.4165

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.8801, 0.3113, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1625, 0.3074, 0.4165 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(77, 114, 78)` looks like.

```
.text, #text, p{  
    color:rgb(77, 114, 78)  
}
```

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(77, 114, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 114, 78) }
```

Border

The CSS property to change the border of an element to Yxy 14.1625, 0.3074, 0.4165 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(77, 114, 78) }
```

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

```
.border{ border-color:rgb(77, 114, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 114, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 114, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 114, 78);  
box-shadow:4px 4px 4px 4px rgb(77, 114,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1625, 0.3074, 0.4165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 114, 78) }
```

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

```
.background{ background-color: rgb(77, 114,  
78) }
```

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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