

Converting Colors

$Y_{xy}(14.5417, 0.3091, 0.4066)$

Have a look what the booklet for
Yxy(14.5417, 0.3091, 0.4066)
contains.

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Color

$\text{Yxy}(14.6645, 0.3091, 0.4071)$

Conversions

Conversions Part 1

Format	Color
Hex	527352
RGB	82, 115, 82
RGB Percent	32%, 45%, 32%
CMY	0.6783, 0.5490, 0.6785
CMYK	0.29, 0.00, 0.29, 0.55
HSL	120°, 17%, 39%
HSV	120°, 29%, 45%
XYZ	11.1344, 14.6645, 10.2230
YIQ	101.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

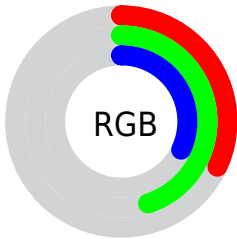
Format	Color
RYB	82, 115, 115
Decimal	5403474
CIELab	45.17, -19.02, 14.57
CIELCh	45, 23.956, 142.552
Yxy	14.6645, 0.3091, 0.4071
Android (android.graphics.Color)	4283593554 (0xFF527352)
YUV	101.3710, -9.5499, -16.9884
Hunter-Lab	38.2943, -15.1147, 10.9780

Details

The Yxy color **14.6645, 0.3091, 0.4071** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.9122, 0.3158, 0.2616**, and the grayscale version is **13.1429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2089, 0.3101, 0.3857**, and **4.5052, 0.3034, 0.4505** is the 20% darker color. If you saturate the color by 10%, you get **14.0318, 0.3076, 0.4397**, and if you desaturate by 10%, it is **15.4140, 0.3105, 0.3770**.

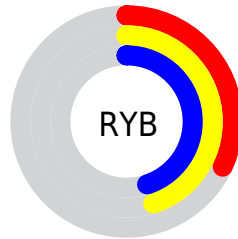
Distribution



Red (32%)

Green (45%)

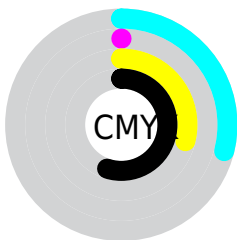
Blue (32%)



Red (32%)

Yellow (45%)

Blue (45%)

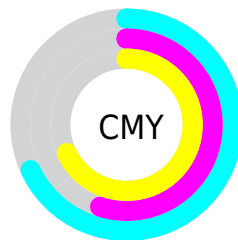


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (55%)



Cyan (68%)


Magenta (55%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.6645, 0.3091, 0.4071 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 14.6645, 0.3091, 0.4071 by changing the saturation by 10% instead.


 14.6645, 0.3091,
0.4071


 14.6645, 0.3091,
0.4071


221.3264, 0.3122,
0.3589


 8.5843, 0.3074,
0.4239


 34.2635, 0.3107,
0.3866


 4.4710, 0.3043,
0.4498

 48.5511, 0.3111,
0.3799


 1.9404, 0.2978,
0.4953

 66.3433, 0.3114,
0.3746

 0.5725, 0.1224,
0.8776

 88.0244, 0.3117,
0.3703

 0.0000, 0.0000,
0.0000

 113.9789, 0.3118,
0.3667

144.5911, 0.3120,

0.3637

180.2455, 0.3121,
0.3612

■ 14.6645, 0.3091,
0.4071

■ 14.6645, 0.3091,
0.4071

■ 14.0318, 0.3076,
0.4397

■ 15.4140, 0.3105,
0.3770

■ 13.5082, 0.3060,
0.4737

■ 16.2839, 0.3117,
0.3500

■ 13.0883, 0.3044,
0.5074

■ 17.2797, 0.3129,
0.3261

■ 12.7650, 0.3029,
0.5387

■ 18.4061, 0.3138,
0.3052

■ 12.5308, 0.3017,
0.5650

■ 19.6678, 0.3146,
0.2872

■ 12.3767, 0.3008,
0.5843

■ 21.0688, 0.3154,
0.2716

■ 12.2750, 0.3001,
0.5982

■ 22.6134, 0.3160,
0.2581

■ 12.2622, 0.3000,
0.6000

■ 24.3055, 0.3165,
0.2465

■ 26.1487, 0.3170,
0.2365

Harmonies

Analogous

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



14.6645, 0.3573, 0.4181



14.6645, 0.3091, 0.4071



14.6645, 0.2641, 0.3688

Triad

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



14.6645, 0.3091, 0.4071



14.6645, 0.2340, 0.2551



14.6645, 0.3983, 0.3291

Complementary

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



14.6645, 0.3091, 0.4071



10.9122, 0.3158, 0.2616

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.



14.6645, 0.3601, 0.2925



14.6645, 0.3091, 0.4071



14.6645, 0.2646, 0.2512

Square

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



14.6645, 0.3091, 0.4071



14.6645, 0.2231, 0.2784



14.6645, 0.3102, 0.2648



14.6645, 0.4111, 0.3681

Rectangle

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



14.6645, 0.3091, 0.4071



14.6645, 0.2416, 0.3359



14.6645, 0.3102, 0.2648



14.6645, 0.3879, 0.3163

Sweetspot

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



14.6651, 0.3091, 0.4071



29.0722, 0.3117, 0.3513



16.3899, 0.3539, 0.3957



6.8888, 0.3115, 0.3544



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.6651, 0.3091, 0.4071



25.5360, 0.3082, 0.4270



14.9352, 0.2913, 0.3683



4.0984, 0.3117, 0.3509



14.0184, 0.3000, 0.6000



68.3110, 0.3000, 0.6000

Inverse Universe

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



10.9122, 0.3158, 0.2616



17.7177, 0.3165, 0.2472



10.5787, 0.3416, 0.2928



3.7577, 0.3137, 0.3081



5.5714, 0.3206, 0.1540



27.1471, 0.3206, 0.1540

Previews

White Background



This preview shows how the Yxy color 14.6645, 0.3091, 0.4071 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 14.6645, 0.3091, 0.4071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

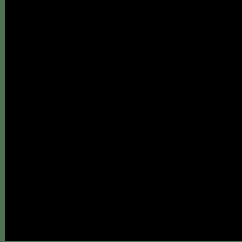
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6645, 0.3091, 0.4071

Background



This preview shows how black text looks on a background with the Yxy color 14.6645, 0.3091, 0.4071.



This preview shows how white text looks on a background with the Yxy color 14.6645, 0.3091, 0.4071.

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

14.6645, 0.3091, 0.4071

Protanopia

14.4355, 0.3622, 0.3882

Deuteranopia

14.4437, 0.3699, 0.3633



Tritanopia

14.6076, 0.2759, 0.3094

Trichromacy



Original Color

14.6645, 0.3091, 0.4071

Protanomaly

14.3266, 0.3414, 0.3958

Deuteranomaly

14.4067, 0.3460, 0.3787

Tritanomaly

14.6074, 0.2868, 0.3425

Monochromacy



Original Color

14.6645, 0.3091, 0.4071

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.4959, 0.3114, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6645, 0.3091, 0.4071 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(82, 115, 82)` looks like.

```
.text, #text, p{  
    color:rgb(82, 115, 82)  
}
```

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(82, 115, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 115, 82) }
```

Border

The CSS property to change the border of an element to Yxy 14.6645, 0.3091, 0.4071 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(82, 115, 82) }
```

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

```
.border{ border-color:rgb(82, 115, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 115, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 115, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 115, 82);  
box-shadow:4px 4px 4px 4px rgb(82, 115,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6645, 0.3091, 0.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 115, 82) }
```

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

```
.background{ background-color: rgb(82, 115,  
82) }
```

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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