

Converting Colors

$Y_{xy}(14.3394, 0.3162, 0.3439)$

Have a look what the booklet for
Yxy(14.3394, 0.3162, 0.3439)
contains.

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Color

Yxy(14.3191, 0.3162, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	676B64
RGB	103, 107, 100
RGB Percent	40%, 42%, 39%
CMY	0.5960, 0.5804, 0.6078
CMYK	0.04, 0.00, 0.07, 0.58
HSL	94°, 3%, 41%
HSV	94°, 7%, 42%
XYZ	13.1543, 14.3191, 14.1277
YIQ	105.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

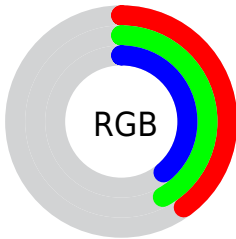
Format	Color
R_{YB}	100, 107, 104
Decimal	6777700
CIE Lab	44.69, -2.95, 3.38
CIE LCh	45, 4.489, 131.121
Yxy	14.3191, 0.3162, 0.3442
Android (android.graphics.Color)	4284967780 (0xFF676B64)
YUV	105.0060, -2.4680, -1.7593
Hunter-Lab	37.8406, -4.1703, 4.3526

Details

The Yxy color **14.3191, 0.3162, 0.3442** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.1173, 0.3090, 0.3139**, and the grayscale version is **14.1367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5581, 0.3151, 0.3396**, and **4.3295, 0.3183, 0.3544** is the 20% darker color. If you saturate the color by 10%, you get **13.7802, 0.3215, 0.3692**, and if you desaturate by 10%, it is **14.9125, 0.3109, 0.3213**.

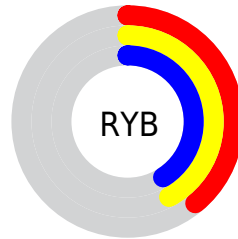
Distribution



Red (40%)

Green (42%)

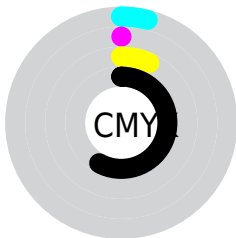
Blue (39%)



Red (39%)

Yellow (42%)

Blue (41%)

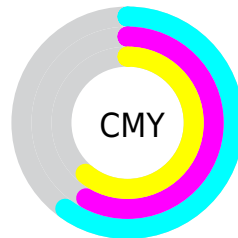


Cyan (4%)

Magenta (0%)

Yellow (7%)

Black (58%)



Cyan (60%)

Magenta (58%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.3191, 0.3162, 0.3442 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 14.3191, 0.3162, 0.3442 by changing the saturation by 10% instead.

■ 14.3191, 0.3162,
0.3442

■ 14.3191, 0.3162,
0.3442

■ 219.2070, 0.3142,
0.3351

■ 8.3429, 0.3169,
0.3473

■ 33.6542, 0.3154,
0.3404

■ 4.3152, 0.3178,
0.3519

■ 47.7818, 0.3151,
0.3391

■ 1.8514, 0.3194,
0.3595

■ 65.3955, 0.3148,
0.3381

■ 0.5189, 0.3320,
0.4090

■ 86.8795, 0.3147,
0.3373

■ 0.0000, 0.0000,
0.0000

■ 112.6183, 0.3145,
0.3366

■ 142.9962, 0.3144,

0.3360

178.3976, 0.3143,
0.3355

■ 14.3191, 0.3162,
0.3442

■ 14.3191, 0.3162,
0.3442

■ 13.7802, 0.3215,
0.3692

■ 14.9125, 0.3109,
0.3213

■ 13.2922, 0.3265,
0.3961

■ 15.5600, 0.3056,
0.3005

■ 12.8542, 0.3311,
0.4244

■ 16.2638, 0.3006,
0.2819

■ 12.4644, 0.3349,
0.4534

■ 17.0251, 0.2958,
0.2651

■ 12.1208, 0.3376,
0.4822

■ 17.8455, 0.2913,
0.2502

■ 11.8214, 0.3389,
0.5094

■ 18.7261, 0.2870,
0.2369

■ 11.5639, 0.3384,
0.5337

■ 19.6682, 0.2831,
0.2250

■ 11.3458, 0.3362,
0.5537

■ 20.6730, 0.2794,
0.2144

■ 11.1619, 0.3326,
0.5696

■ 21.7418, 0.2760,
0.2050

Harmonies

Analogous

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



14.3191, 0.3247, 0.3451



14.3191, 0.3162, 0.3442



14.3191, 0.3069, 0.3391

Triad

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



14.3191, 0.3162, 0.3442



14.3191, 0.2956, 0.3163



14.3191, 0.3264, 0.3267

Complementary

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



14.3191, 0.3162, 0.3442



13.1173, 0.3090, 0.3139

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.



14.3191, 0.3185, 0.3193



14.3191, 0.3162, 0.3442



14.3191, 0.3007, 0.3133

Square

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



14.3191, 0.3162, 0.3442



14.3191, 0.2951, 0.3228



14.3191, 0.3090, 0.3144



14.3191, 0.3307, 0.3348

Rectangle

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



14.3191, 0.3162, 0.3442



14.3191, 0.3014, 0.3340



14.3191, 0.3090, 0.3144



14.3191, 0.3241, 0.3240

Sweetspot

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



14.3197, 0.3162, 0.3442



26.1080, 0.3138, 0.3337



13.9391, 0.3223, 0.3375



6.3235, 0.3137, 0.3333



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



14.3197, 0.3162, 0.3442



25.4745, 0.3171, 0.3483



14.1528, 0.3114, 0.3433



3.5029, 0.3175, 0.3501



13.4920, 0.3307, 0.5756



68.2527, 0.3268, 0.5787

Inverse Universe

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



13.1173, 0.3090, 0.3139



22.7924, 0.3080, 0.3098



13.2920, 0.3140, 0.3151



3.1018, 0.3076, 0.3080



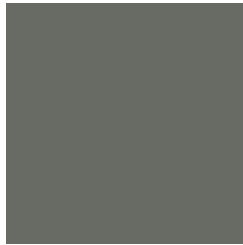
2.4661, 0.2196, 0.0983



12.0456, 0.2143, 0.0954

Previews

White Background



This preview shows how the Yxy color 14.3191, 0.3162, 0.3442 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 14.3191, 0.3162, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

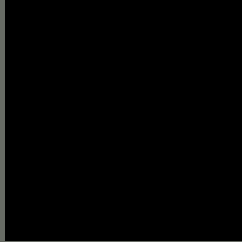
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

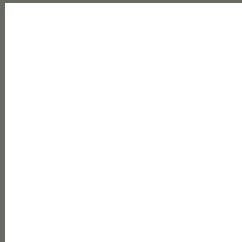
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.3191, 0.3162, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 14.3191, 0.3162, 0.3442.



This preview shows how white text looks on a background with the Yxy color 14.3191, 0.3162, 0.3442.

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

14.3191, 0.3162, 0.3442

Protanopia

14.2552, 0.3264, 0.3418

Deuteranopia

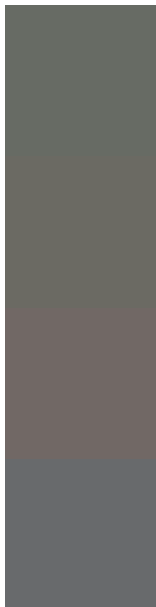
14.2939, 0.3376, 0.3311



Tritanopia

14.2987, 0.3025, 0.3121

Trichromacy



Original Color

14.3191, 0.3162, 0.3442

Protanomaly

14.3347, 0.3233, 0.3440

Deuteranomaly

14.3509, 0.3297, 0.3353

Tritanomaly

14.3338, 0.3074, 0.3247

Monochromacy



Original Color

14.3191, 0.3162, 0.3442

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.2304, 0.3138, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3191, 0.3162, 0.3442 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(103, 107, 100)` looks like.

```
.text, #text, p{  
    color:rgb(103, 107, 100)  
}
```

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(103, 107, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 107, 100) }
```

Border

The CSS property to change the border of an element to Yxy 14.3191, 0.3162, 0.3442 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(103, 107, 100) }
```

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

```
.border{ border-color:rgb(103, 107, 100) }
```

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

Here you see how a box with a 4 pixel rgb(103, 107, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 107, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 107, 100);  
box-shadow:4px 4px 4px 4px rgb(103, 107,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3191, 0.3162, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 107, 100) }
```

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

```
.background{ background-color: rgb(103,  
107, 100) }
```

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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