

Converting Colors

$Y_{xy}(14.8548, 0.3171, 0.3711)$

Have a look what the booklet for
Yxy(14.8548, 0.3171, 0.3711)
contains.

Yxy(14.9200, 0.3160, 0.3713)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.9200, 0.3160, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	61705D
RGB	97, 112, 93
RGB Percent	38%, 44%, 36%
CMY	0.6197, 0.5608, 0.6353
CMYK	0.13, 0.00, 0.17, 0.56
HSL	107°, 9%, 40%
HSV	107°, 17%, 44%
XYZ	12.6979, 14.9200, 12.5653
YIQ	105.3490, -2.8410, -9.0890

Conversions

Conversions Part 2

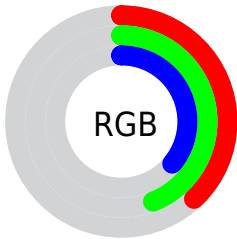
Format	Color
R_{YB}	93, 112, 108
Decimal	6385757
CIE Lab	45.52, -9.59, 8.70
CIE LCh	46, 12.950, 137.763
Yxy	14.9200, 0.3160, 0.3713
Android (android.graphics.Color)	4284575837 (0xFF61705D)
YUV	105.3490, -6.0881, -7.3221
Hunter-Lab	38.6264, -8.9169, 7.7513

Details

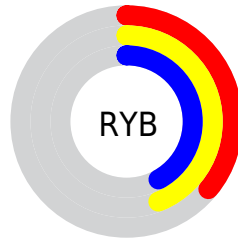
The Yxy color **14.9200, 0.3160, 0.3713** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.1876, 0.3086, 0.2887**, and the grayscale version is **14.2429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8300, 0.3159, 0.3614**, and **4.5501, 0.3160, 0.3927** is the 20% darker color. If you saturate the color by 10%, you get **14.2771, 0.3176, 0.3997**, and if you desaturate by 10%, it is **15.6476, 0.3141, 0.3455**.

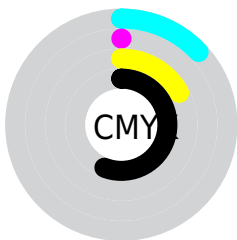
Distribution



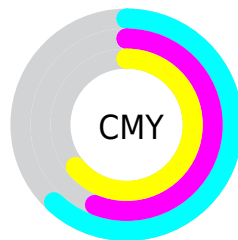
- Red (38%)
- Green (44%)
- Blue (36%)



- Red (36%)
- Yellow (44%)
- Blue (42%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (56%)



- Cyan (62%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.9200, 0.3160, 0.3713 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 14.9200, 0.3160, 0.3713 by changing the saturation by 10% instead.

■ 14.9200, 0.3160,
0.3713

■ 14.9200, 0.3160,
0.3713

■ 222.8815, 0.3143,
0.3457

■ 8.7633, 0.3164,
0.3800

■ 34.7128, 0.3154,
0.3605

■ 4.5871, 0.3168,
0.3931

■ 49.1176, 0.3152,
0.3570

■ 2.0071, 0.3169,
0.4153

■ 67.0406, 0.3150,
0.3541

■ 0.6116, 0.3417,
0.6019

■ 88.8661, 0.3148,
0.3518

■ 0.0000, 0.0000,
0.0000

■ 114.9785, 0.3146,
0.3499

■ 145.7623, 0.3145,

0.3483

181.6019, 0.3144,
0.3469

■ 14.9200, 0.3160,
0.3713

■ 14.9200, 0.3160,
0.3713

■ 14.2771, 0.3176,
0.3997

■ 15.6476, 0.3141,
0.3455

■ 13.7139, 0.3189,
0.4301

■ 16.4607, 0.3121,
0.3223

■ 13.2277, 0.3195,
0.4618

■ 17.3629, 0.3100,
0.3016

■ 12.8153, 0.3194,
0.4936

■ 18.3566, 0.3080,
0.2834

■ 12.4728, 0.3184,
0.5238

■ 19.4445, 0.3060,
0.2674

■ 12.1961, 0.3165,
0.5504

■ 20.6288, 0.3041,
0.2534

■ 11.9809, 0.3136,
0.5717

■ 21.9120, 0.3022,
0.2411

■ 11.8192, 0.3104,
0.5877

■ 23.2962, 0.3005,
0.2302

■ 11.7779, 0.3097,
0.5923

■ 24.7837, 0.2989,
0.2207

Harmonies

Analogous

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



14.9200, 0.3416, 0.3759



14.9200, 0.3160, 0.3713



14.9200, 0.2903, 0.3537

Triad

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



14.9200, 0.3160, 0.3713



14.9200, 0.2672, 0.2900



14.9200, 0.3559, 0.3267

Complementary

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



14.9200, 0.3160, 0.3713



12.1876, 0.3086, 0.2887

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.



14.9200, 0.3344, 0.3059



14.9200, 0.3160, 0.3713



14.9200, 0.2832, 0.2851

Square

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



14.9200, 0.3160, 0.3713



14.9200, 0.2629, 0.3057



14.9200, 0.3076, 0.2910



14.9200, 0.3653, 0.3488

Rectangle

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



14.9200, 0.3160, 0.3713



14.9200, 0.2765, 0.3375



14.9200, 0.3076, 0.2910



14.9200, 0.3498, 0.3194

Sweetspot

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



14.9206, 0.3160, 0.3713



27.7365, 0.3138, 0.3410



14.9372, 0.3380, 0.3604



6.6456, 0.3139, 0.3423



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.



14.9206, 0.3160, 0.3713



25.7902, 0.3166, 0.3811



14.8061, 0.3043, 0.3595



3.7938, 0.3145, 0.3505



13.6050, 0.3093, 0.5926



67.4615, 0.3066, 0.5948

Inverse Universe

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



12.1876, 0.3086, 0.2887



20.1218, 0.3076, 0.2799



12.3268, 0.3224, 0.3003



3.4199, 0.3107, 0.3081



3.7711, 0.2703, 0.1263



18.4077, 0.2674, 0.1247

Previews

White Background



This preview shows how the Yxy color 14.9200, 0.3160, 0.3713 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 14.9200, 0.3160, 0.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

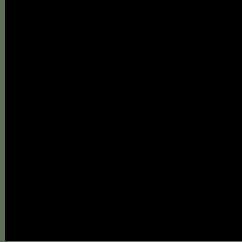
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9200, 0.3160, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 14.9200, 0.3160, 0.3713.



This preview shows how white text looks on a background with the Yxy color 14.9200, 0.3160, 0.3713.

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

14.9200, 0.3160, 0.3713

Protanopia

14.7814, 0.3425, 0.3627

Deuteranopia

14.9378, 0.3529, 0.3471



Tritanopia

14.9883, 0.2925, 0.3121

Trichromacy



Original Color

14.9200, 0.3160, 0.3713

Protanomaly

14.8358, 0.3318, 0.3656

Deuteranomaly

14.9009, 0.3398, 0.3562

Tritanomaly

14.9439, 0.3019, 0.3333

Monochromacy



Original Color

14.9200, 0.3160, 0.3713

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.4895, 0.3134, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9200, 0.3160, 0.3713 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(97, 112, 93)` looks like.

```
.text, #text, p{  
    color:rgb(97, 112, 93)  
}
```

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(97, 112, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 112, 93) }
```

Border

The CSS property to change the border of an element to Yxy 14.9200, 0.3160, 0.3713 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(97, 112, 93) }
```

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

```
.border{ border-color:rgb(97, 112, 93) }
```

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

Here you see how a box with a 4 pixel rgb(97, 112, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 112, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 112, 93);  
box-shadow:4px 4px 4px 4px rgb(97, 112,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9200, 0.3160, 0.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 112, 93) }
```

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

```
.background{ background-color: rgb(97, 112,  
93) }
```

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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