

Converting Colors

$Y_{xy}(29.8283, 0.3433, 0.3708)$

Have a look what the booklet for
Yxy(29.8283, 0.3433, 0.3708)
contains.

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Color

Yxy(29.7950, 0.3436, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	9A957B
RGB	154, 149, 123
RGB Percent	60%, 58%, 48%
CMY	0.3959, 0.4157, 0.5176
CMYK	0.00, 0.03, 0.20, 0.40
HSL	50°, 13%, 54%
HSV	50°, 20%, 60%
XYZ	27.6541, 29.7950, 23.0344
YIQ	147.5310, 11.3260, -7.0260

Conversions

Conversions Part 2

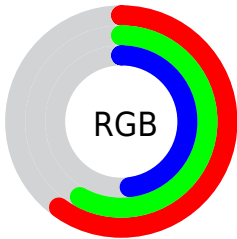
Format	Color
R_{YB}	129, 154, 123
Decimal	10130811
CIE Lab	61.48, -2.64, 14.41
CIE LCh	61, 14.649, 100.363
Yxy	29.7950, 0.3436, 0.3702
Android (android.graphics.Color)	4288320891 (0xFF9A957B)
YUV	147.5310, -12.0938, 5.6733
Hunter-Lab	54.5848, -5.0905, 13.1894

Details

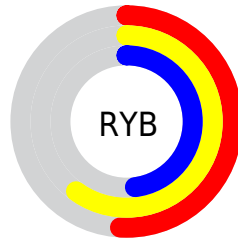
The Yxy color $29.7950, 0.3436, 0.3702$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $21.9968, 0.2807, 0.2841$, and the grayscale version is $29.4592, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.4018, 0.3373, 0.3611$, and $12.1133, 0.3550, 0.3841$ is the 20% darker color. If you saturate the color by 10%, you get $28.6569, 0.3601, 0.3912$, and if you desaturate by 10%, it is $31.0134, 0.3278, 0.3494$.

Distribution



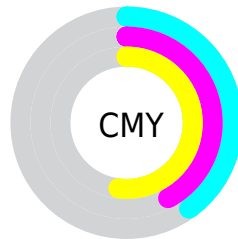
- Red (60%)
- Green (58%)
- Blue (48%)



- Red (51%)
- Yellow (60%)
- Blue (48%)



- Cyan (0%)
- Magenta (3%)
- Yellow (20%)
- Black (40%)





- Cyan (40%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7950, 0.3436, 0.3702 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 29.7950, 0.3436, 0.3702 by changing the saturation by 10% instead.


 29.7950, 0.3436,
0.3702


 29.7950, 0.3436,
0.3702


300.9477, 0.3271,
0.3480

 19.6830, 0.3481,
0.3763


 59.3378, 0.3374,
0.3617

 12.1649, 0.3540,
0.3846


 79.5375, 0.3351,
0.3586

 6.8561, 0.3623,
0.3963


 103.8685, 0.3332,
0.3561

 3.3722, 0.3746,
0.4140

132.7153, 0.3316,
0.3539

 1.3290, 0.4092,
0.4606

166.4622, 0.3302,
0.3521

 0.1635, 0.3578,
0.6422

205.4936, 0.3291,

 0.0000, 0.0000,

0.3505

0.0000

250.1940, 0.3280,
0.3492

■ 29.7950, 0.3436,
0.3702

■ 29.7950, 0.3436,
0.3702

■ 28.6569, 0.3601,
0.3912

■ 31.0134, 0.3278,
0.3494

■ 27.5923, 0.3768,
0.4118

■ 32.3110, 0.3129,
0.3293

■ 26.5994, 0.3932,
0.4311

■ 33.6917, 0.2991,
0.3102

■ 25.6746, 0.4088,
0.4482

■ 35.1579, 0.2864,
0.2923

■ 24.8141, 0.4228,
0.4622

■ 36.7120, 0.2749,
0.2758

■ 24.0138, 0.4346,
0.4723

■ 38.3561, 0.2644,
0.2605

■ 23.2685, 0.4437,
0.4780

■ 40.0926, 0.2550,
0.2466

■ 22.5756, 0.4507,
0.4803

■ 41.9233, 0.2465,
0.2339

■ 43.4153, 0.2423,
0.2285

Harmonies

Analogous

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



29.7950, 0.3575, 0.3599



29.7950, 0.3436, 0.3702



29.7950, 0.3217, 0.3690

Triad

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



29.7950, 0.3436, 0.3702



29.7950, 0.2686, 0.3129



29.7950, 0.3265, 0.3042

Complementary

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



29.7950, 0.3436, 0.3702



21.9968, 0.2807, 0.2841

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.



29.7950, 0.3024, 0.2925



29.7950, 0.3436, 0.3702



29.7950, 0.2696, 0.2966

Square

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



29.7950, 0.3436, 0.3702



29.7950, 0.2787, 0.3348



29.7950, 0.2818, 0.2895



29.7950, 0.3475, 0.3221

Rectangle

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



29.7950, 0.3436, 0.3702



29.7950, 0.3057, 0.3614



29.7950, 0.2818, 0.2895



29.7950, 0.3185, 0.2995

Sweetspot

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



29.7963, 0.3436, 0.3702



57.2408, 0.3217, 0.3412



22.6044, 0.3451, 0.3207



12.9248, 0.3226, 0.3424



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



29.7963, 0.3436, 0.3702



53.1865, 0.3507, 0.3793



30.4544, 0.3312, 0.3795



7.0520, 0.3264, 0.3475



18.4277, 0.4504, 0.4806



0.3157, 0.4347, 0.4931

Inverse Universe

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



21.9968, 0.2807, 0.2841



36.4954, 0.2730, 0.2731



21.5171, 0.2914, 0.2769



6.1805, 0.2988, 0.3098



2.5052, 0.1546, 0.0766



0.0734, 0.1705, 0.1338

Previews

White Background



This preview shows how the Yxy color 29.7950, 0.3436, 0.3702 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 29.7950, 0.3436, 0.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

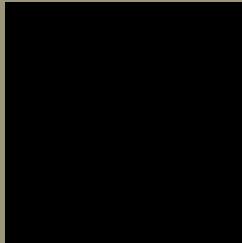
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

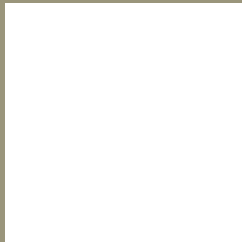
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.7950, 0.3436, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 29.7950, 0.3436, 0.3702.



This preview shows how white text looks on a background with the Yxy color 29.7950, 0.3436, 0.3702.

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

29.7950, 0.3436, 0.3702

Protanopia

29.7780, 0.3472, 0.3683

Deuteranopia

29.7581, 0.3635, 0.3575



Tritanopia

29.6159, 0.3157, 0.3108

Trichromacy



Original Color

29.7950, 0.3436, 0.3702

Protanomaly

29.6778, 0.3461, 0.3684

Deuteranomaly

29.7054, 0.3560, 0.3612

Tritanomaly

29.7395, 0.3263, 0.3321

Monochromacy



Original Color

29.7950, 0.3436, 0.3702

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.5279, 0.3235, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7950, 0.3436, 0.3702 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(154, 149, 123)` looks like.

```
.text, #text, p{  
    color:rgb(154, 149, 123)  
}
```

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(154, 149, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 149, 123) }
```

Border

The CSS property to change the border of an element to Yxy 29.7950, 0.3436, 0.3702 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(154, 149, 123) }
```

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

```
.border{ border-color:rgb(154, 149, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 149, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 149, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 149, 123);  
box-shadow:4px 4px 4px 4px rgb(154, 149,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7950, 0.3436, 0.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 149, 123) }
```

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

```
.background{ background-color: rgb(154,  
149, 123) }
```

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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