

Converting Colors

$Y_{xy}(29.7030, 0.3262, 0.3525)$

Have a look what the booklet for
Yxy(29.7030, 0.3262, 0.3525)
contains.

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Color

Yxy(29.6337, 0.3262, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	959587
RGB	149, 149, 135
RGB Percent	58%, 58%, 53%
CMY	0.4159, 0.4156, 0.4706
CMYK	0.00, 0.00, 0.09, 0.42
HSL	60°, 6%, 56%
HSV	60°, 9%, 58%
XYZ	27.5086, 29.6337, 27.1881
YIQ	147.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

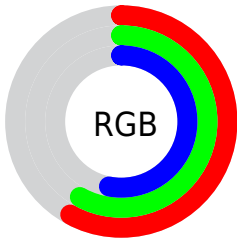
Format	Color
R_{YB}	135, 149, 135
Decimal	9803143
CIE Lab	61.34, -2.61, 7.40
CIE LCh	61, 7.846, 109.460
Yxy	29.6337, 0.3262, 0.3514
Android (android.graphics.Color)	4287993223 (0xFF959587)
YUV	147.4040, -6.1152, 1.3997
Hunter-Lab	54.4368, -5.0631, 8.4938

Details

The Yxy color $29.6337, 0.3262, 0.3514$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $24.6513, 0.2986, 0.3056$, and the grayscale version is $29.3760, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.0392, 0.3236, 0.3469$, and $11.9879, 0.3311, 0.3594$ is the 20% darker color. If you saturate the color by 10%, you get $29.2382, 0.3409, 0.3758$, and if you desaturate by 10%, it is $30.0906, 0.3119, 0.3276$.

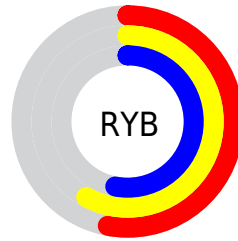
Distribution



Red (58%)

Green (58%)

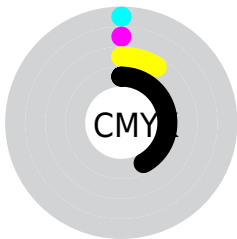
Blue (53%)



Red (53%)

Yellow (58%)

Blue (53%)

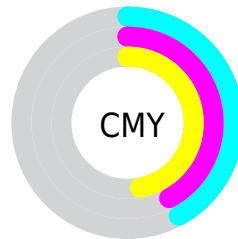


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (42%)



Cyan (42%)


Magenta (42%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6337, 0.3262, 0.3514 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 29.6337, 0.3262, 0.3514 by changing the saturation by 10% instead.


 29.6337, 0.3262,
0.3514


 29.6337, 0.3262,
0.3514


300.1933, 0.3190,
0.3393

 19.5607, 0.3282,
0.3548


 59.0824, 0.3235,
0.3468

 12.0761, 0.3308,
0.3593


 79.2269, 0.3225,
0.3451

 6.7956, 0.3346,
0.3659


 103.4974, 0.3216,
0.3437

 3.3346, 0.3402,
0.3760

132.2783, 0.3209,
0.3425

 1.3088, 0.3502,
0.3941

165.9539, 0.3203,
0.3415

 0.1480, 0.3418,
0.6582

204.9087, 0.3198,

 0.0000, 0.0000,

0.3407

0.0000

249.5270, 0.3194,
0.3399

■ 29.6337, 0.3262,
0.3514

■ 29.6337, 0.3262,
0.3514

■ 29.2382, 0.3409,
0.3758

■ 30.0906, 0.3119,
0.3276

■ 28.8977, 0.3555,
0.4002

■ 30.6072, 0.2982,
0.3049

■ 28.6109, 0.3697,
0.4238

■ 31.1871, 0.2854,
0.2836

■ 28.3751, 0.3828,
0.4457

■ 31.8322, 0.2735,
0.2639

■ 28.1871, 0.3944,
0.4650

■ 32.5445, 0.2626,
0.2458

■ 28.0437, 0.4039,
0.4810

■ 33.3260, 0.2526,
0.2293

■ 27.9410, 0.4111,
0.4930

■ 34.1783, 0.2436,
0.2143

■ 27.8744, 0.4157,
0.5009

■ 35.1034, 0.2354,
0.2008

■ 27.8336, 0.4184,
0.5056

■ 35.1605, 0.2351,
0.2001

Harmonies

Analogous

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



29.6337, 0.3351, 0.3480



29.6337, 0.3262, 0.3514



29.6337, 0.3138, 0.3486

Triad

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



29.6337, 0.3262, 0.3514



29.6337, 0.2882, 0.3176



29.6337, 0.3240, 0.3182

Complementary

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



29.6337, 0.3262, 0.3514



24.6513, 0.2986, 0.3056

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.



29.6337, 0.3112, 0.3105



29.6337, 0.3262, 0.3514



29.6337, 0.2907, 0.3099

Square

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



29.6337, 0.3262, 0.3514



29.6337, 0.2920, 0.3287



29.6337, 0.2991, 0.3074



29.6337, 0.3338, 0.3288

Rectangle

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



29.6337, 0.3262, 0.3514



29.6337, 0.3053, 0.3434



29.6337, 0.2991, 0.3074



29.6337, 0.3199, 0.3152

Sweetspot

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



29.6350, 0.3262, 0.3514



53.5644, 0.3170, 0.3362



25.4658, 0.3286, 0.3290



11.8566, 0.3181, 0.3380



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



29.6350, 0.3262, 0.3514



52.9225, 0.3288, 0.3558



29.0007, 0.3189, 0.3519



6.7434, 0.3259, 0.3509



23.4183, 0.4186, 0.5058



0.2870, 0.4190, 0.5055

Inverse Universe

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



24.6513, 0.2986, 0.3056



42.4107, 0.2957, 0.3007



25.2472, 0.3061, 0.3061



5.6341, 0.2990, 0.3062



1.8301, 0.1502, 0.0601



0.0226, 0.1511, 0.0606

Previews

White Background



This preview shows how the Yxy color 29.6337, 0.3262, 0.3514 looks on a white background.

Color Contrast Check

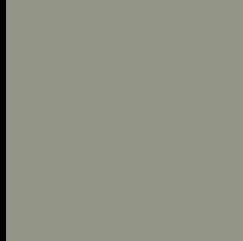
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6337, 0.3262, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

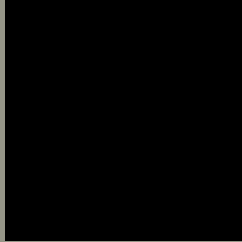
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

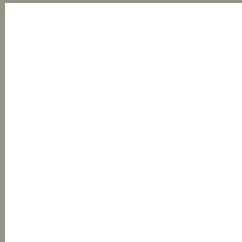
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.6337, 0.3262, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 29.6337, 0.3262, 0.3514.



This preview shows how white text looks on a background with the Yxy color 29.6337, 0.3262, 0.3514.

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

29.6337, 0.3262, 0.3514

Protanopia

29.7711, 0.3328, 0.3511

Deuteranopia

29.6380, 0.3461, 0.3396



Tritanopia

29.6675, 0.3084, 0.3121

Trichromacy



Original Color

29.6337, 0.3262, 0.3514

Protanomaly

29.5764, 0.3306, 0.3512

Deuteranomaly

29.5020, 0.3379, 0.3430

Tritanomaly

29.6167, 0.3149, 0.3259

Monochromacy



Original Color

29.6337, 0.3262, 0.3514

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.4589, 0.3175, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6337, 0.3262, 0.3514 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(149, 149, 135)` looks like.

```
.text, #text, p{  
    color:rgb(149, 149, 135)  
}
```

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(149, 149, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 149, 135) }
```

Border

The CSS property to change the border of an element to Yxy 29.6337, 0.3262, 0.3514 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(149, 149, 135) }
```

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

```
.border{ border-color:rgb(149, 149, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 149, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 149, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 149, 135);  
box-shadow:4px 4px 4px 4px rgb(149, 149,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6337, 0.3262, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 149, 135) }
```

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

```
.background{ background-color: rgb(149,  
149, 135) }
```

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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