

Converting Colors

$Y_{xy}(26.6002, 0.2981, 0.5595)$

Have a look what the booklet for
Yxy(26.6002, 0.2981, 0.5595)
contains.

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Color

Yxy(26.7336, 0.2982, 0.5596)

Conversions

Conversions Part 1

Format	Color
Hex	23A32C
RGB	35, 163, 44
RGB Percent	14%, 64%, 17%
CMY	0.8626, 0.3608, 0.8274
CMYK	0.79, 0.00, 0.73, 0.36
HSL	124°, 65%, 39%
HSV	124°, 79%, 64%
XYZ	14.2458, 26.7336, 6.7933
YIQ	111.1620, -38.0890, -64.1450

Conversions

Conversions Part 2

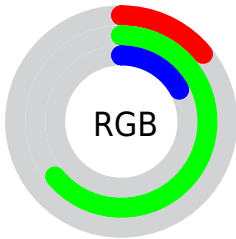
Format	Color
RYB	35, 155, 163
Decimal	2335532
CIELab	58.73, -56.50, 49.52
CIELCh	59, 75.130, 138.771
Yxy	26.7336, 0.2982, 0.5596
Android (android.graphics.Color)	4280525612 (0xFF23A32C)
YUV	111.1620, -33.1109, -66.7941
Hunter-Lab	51.7045, -41.3020, 28.4033

Details

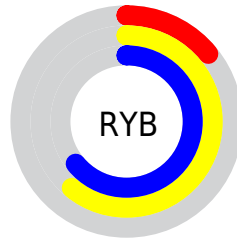
The Yxy color **26.7336, 0.2982, 0.5596** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **11.3239, 0.3340, 0.1756**, and the grayscale version is **16.0555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4097, 0.3076, 0.5059**, and **11.1519, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.4187, 0.2982, 0.5802**, and if you desaturate by 10%, it is **27.2248, 0.2988, 0.5327**.

Distribution



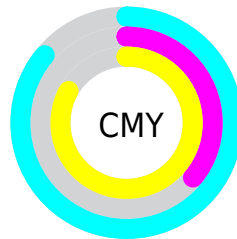
- Red (14%)
- Green (64%)
- Blue (17%)



- Red (14%)
- Yellow (61%)
- Blue (64%)



- Cyan (79%)
- Magenta (0%)
- Yellow (73%)
- Black (36%)




- Cyan (86%)
- Magenta (36%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7336, 0.2982, 0.5596 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 26.7336, 0.2982, 0.5596 by changing the saturation by 10% instead.


 26.7336, 0.2982,
0.5596


 26.7336, 0.2982,
0.5596


286.3649, 0.3148,
0.4248

 17.3732, 0.2887,
0.5990


 54.4561, 0.3076,
0.5060


 10.5010, 0.2723,
0.6515


 73.5870, 0.3100,
0.4872

 5.7324, 0.2513,
0.7485

 96.7436, 0.3117,
0.4719


 2.6830, 0.1805,
0.8195

 124.3102, 0.3128,
0.4592

 0.9686, 0.0000,
1.0000

 156.6712, 0.3136,
0.4485

 0.0000, 0.0000,
0.0000

 194.2111, 0.3141,

0.4394

237.3142, 0.3146,
0.4316

■ 26.7336, 0.2982,
0.5596

■ 26.7336, 0.2982,
0.5596

■ 26.4187, 0.2982,
0.5802

■ 27.2248, 0.2988,
0.5327

■ 26.2415, 0.2986,
0.5934

■ 27.9094, 0.3001,
0.5015

■ 26.2202, 0.2986,
0.5949

■ 28.8058, 0.3019,
0.4683

■ 29.9297, 0.3040,
0.4351

■ 31.2953, 0.3063,
0.4036

■ 32.9153, 0.3086,
0.3747

■ 34.8019, 0.3109,
0.3487

■ 36.9663, 0.3130,
0.3258

■ 39.4192, 0.3150,
0.3058

Harmonies

Analogous

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



26.7336, 0.4066, 0.5406



26.7336, 0.2982, 0.5596



26.7336, 0.1987, 0.4557

Triad

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



26.7336, 0.2982, 0.5596



26.7336, 0.1365, 0.1651



26.7336, 0.5220, 0.3018

Complementary

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



26.7336, 0.2982, 0.5596



11.3239, 0.3340, 0.1756

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.



26.7336, 0.4133, 0.2344



26.7336, 0.2982, 0.5596



26.7336, 0.1889, 0.1599

Square

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



26.7336, 0.2982, 0.5596



26.7336, 0.1196, 0.2076



26.7336, 0.2842, 0.1841



26.7336, 0.5503, 0.3770

Rectangle

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



26.7336, 0.2982, 0.5596



26.7336, 0.1525, 0.3522



26.7336, 0.2842, 0.1841



26.7336, 0.4927, 0.2782

Sweetspot

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



26.7347, 0.2982, 0.5596



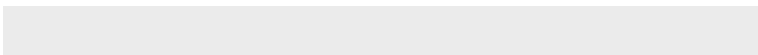
57.1697, 0.3072, 0.3915



33.2327, 0.4024, 0.4987



12.6277, 0.3064, 0.4016



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.7347, 0.2982, 0.5596



47.0731, 0.2986, 0.5904



27.6258, 0.2631, 0.4411



7.9027, 0.3107, 0.3505



20.3803, 0.2984, 0.5941



0.4305, 0.2909, 0.5674

Inverse Universe

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



11.3239, 0.3340, 0.1756



18.2876, 0.3382, 0.1656



9.7368, 0.4619, 0.2559



7.1936, 0.3148, 0.3084



7.8048, 0.3390, 0.1641



0.1664, 0.3318, 0.1601

Previews

White Background



This preview shows how the Yxy color 26.7336, 0.2982, 0.5596 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 26.7336, 0.2982, 0.5596 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 26.7336, 0.2982, 0.5596

Background



This preview shows how black text looks on a background with the Yxy color 26.7336, 0.2982, 0.5596.



This preview shows how white text looks on a background with the Yxy color 26.7336, 0.2982, 0.5596.

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

26.7336, 0.2982, 0.5596

Protanopia

26.3578, 0.4261, 0.4723

Deuteranopia

26.0496, 0.4435, 0.4354



Tritanopia

26.5927, 0.2399, 0.3074

Trichromacy



Original Color

26.7336, 0.2982, 0.5596



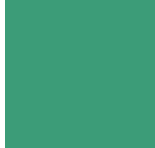
Protanomaly

25.1588, 0.3660, 0.5133



Deuteranomaly

24.3965, 0.3749, 0.4880



Tritanomaly

26.0937, 0.2632, 0.4006

Monochromacy



Original Color

26.7336, 0.2982, 0.5596



Achromatopsia

15.8961, 0.3127, 0.3290



Achromatomaly

18.4924, 0.3040, 0.4237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7336, 0.2982, 0.5596 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(35, 163, 44)` looks like.

```
.text, #text, p{  
    color:rgb(35, 163, 44)  
}
```

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(35, 163, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 163, 44) }
```

Border

The CSS property to change the border of an element to Yxy 26.7336, 0.2982, 0.5596 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(35, 163, 44) }
```

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

```
.border{ border-color:rgb(35, 163, 44) }
```

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

Here you see how a box with a 4 pixel rgb(35, 163, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 163, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 163, 44);  
box-shadow:4px 4px 4px 4px rgb(35, 163,  
44) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7336, 0.2982, 0.5596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 163, 44) }
```

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

```
.background{ background-color: rgb(35, 163,  
44) }
```

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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