

Converting Colors

Yxy(32.1081, 0.3443, 0.5060)

Have a look what the booklet for
Yxy(32.1081, 0.3443, 0.5060)
contains.

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Color

Yxy(32.2903, 0.3446, 0.5065)

Conversions

Conversions Part 1

Format	Color
Hex	72A93D
RGB	114, 169, 61
RGB Percent	45%, 66%, 24%
CMY	0.5530, 0.3372, 0.7607
CMYK	0.33, 0.00, 0.64, 0.34
HSL	91°, 47%, 45%
HSV	91°, 64%, 66%
XYZ	21.9689, 32.2903, 9.4926
YIQ	140.2430, 1.8880, -45.2480

Conversions

Conversions Part 2

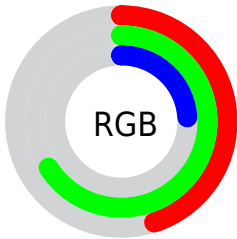
Format	Color
RYB	61, 169, 116
Decimal	7514429
CIELab	63.58, -36.18, 48.53
CIELCh	64, 60.528, 126.703
Yxy	32.2903, 0.3446, 0.5065
Android (android.graphics.Color)	4285704509 (0xFF72A93D)
YUV	140.2430, -39.0668, -23.0151
Hunter-Lab	56.8246, -30.4333, 29.8727

Details

The Yxy color **32.2903, 0.3446, 0.5065** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9.9209, 0.2484, 0.1536**, and the grayscale version is **26.4799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4777, 0.3423, 0.4696**, and **13.4514, 0.3417, 0.5669** is the 20% darker color. If you saturate the color by 10%, you get **31.5868, 0.3447, 0.5308**, and if you desaturate by 10%, it is **33.1084, 0.3425, 0.4790**.

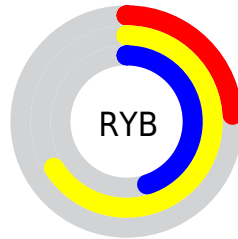
Distribution



Red (45%)

Green (66%)

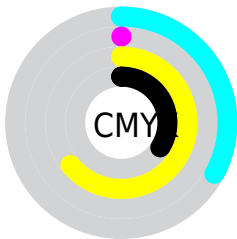
Blue (24%)



Red (24%)

Yellow (66%)

Blue (45%)

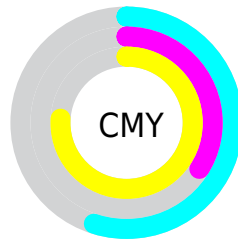


Cyan (33%)

Magenta (0%)

Yellow (64%)

Black (34%)



Cyan (55%)

Magenta (34%)

Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2903, 0.3446, 0.5065 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 32.2903, 0.3446, 0.5065 by changing the saturation by 10% instead.


 32.2903, 0.3446,
0.5065


 32.2903, 0.3446,
0.5065


312.4395, 0.3334,
0.4085


 21.5833, 0.3445,
0.5330


 63.2659, 0.3424,
0.4691


 13.5511, 0.3419,
0.5673


 84.3033, 0.3409,
0.4555


 7.8091, 0.3345,
0.6139


 109.5530, 0.3395,
0.4443

 3.9730, 0.3174,
0.6826

 139.3994, 0.3381,
0.4348

 1.6585, 0.2477,
0.7523

 174.2269, 0.3368,
0.4268

 0.3966, 0.0000,
1.0000

214.4198, 0.3356,

 0.0000, 0.0000,

0.4198

0.0000

260.3625, 0.3345,
0.4138

■ 32.2903, 0.3446,
0.5065

■ 32.2903, 0.3446,
0.5065

■ 31.5868, 0.3447,
0.5308

■ 33.1084, 0.3425,
0.4790

■ 30.9866, 0.3427,
0.5504

■ 34.0431, 0.3388,
0.4498

■ 30.4828, 0.3387,
0.5647

■ 35.1016, 0.3338,
0.4202

■ 30.2122, 0.3358,
0.5716

■ 36.2893, 0.3280,
0.3913

■ 37.6111, 0.3217,
0.3638

■ 39.0716, 0.3152,
0.3383

■ 40.6752, 0.3088,
0.3150

■ 42.4261, 0.3026,
0.2939

■ 44.3284, 0.2966,
0.2749

Harmonies

Analogous

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



32.2903, 0.4280, 0.4794



32.2903, 0.3446, 0.5065



32.2903, 0.2575, 0.4605

Triad

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



32.2903, 0.3446, 0.5065



32.2903, 0.1599, 0.2089



32.2903, 0.4444, 0.2880

Complementary

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



32.2903, 0.3446, 0.5065



9.9209, 0.2484, 0.1536

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.



32.2903, 0.3505, 0.2350



32.2903, 0.3446, 0.5065



32.2903, 0.1925, 0.1905

Square

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



32.2903, 0.3446, 0.5065



32.2903, 0.1583, 0.2633



32.2903, 0.2576, 0.2006



32.2903, 0.4963, 0.3511

Rectangle

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



32.2903, 0.3446, 0.5065



32.2903, 0.2093, 0.3938



32.2903, 0.2576, 0.2006



32.2903, 0.4157, 0.2688

Sweetspot

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



32.2917, 0.3446, 0.5065



66.0346, 0.3251, 0.3786



21.0377, 0.4521, 0.4075



14.2538, 0.3269, 0.3862



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



32.2917, 0.3446, 0.5065



56.0616, 0.3441, 0.5402



29.7081, 0.3032, 0.5312



8.5816, 0.3187, 0.3518



22.5471, 0.3365, 0.5710



0.5791, 0.3632, 0.5498

Inverse Universe

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



9.9209, 0.2484, 0.1536



12.7236, 0.2299, 0.1208



14.6405, 0.3194, 0.1856



7.4813, 0.3063, 0.3062



3.6453, 0.2059, 0.0908



0.1190, 0.2432, 0.1114

Previews

White Background



This preview shows how the Yxy color 32.2903, 0.3446, 0.5065 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.2903, 0.3446, 0.5065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

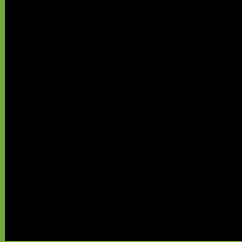
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2903, 0.3446, 0.5065

Background



This preview shows how black text looks on a background with the Yxy color 32.2903, 0.3446, 0.5065.



This preview shows how white text looks on a background with the Yxy color 32.2903, 0.3446, 0.5065.

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

32.2903, 0.3446, 0.5065

Protanopia

32.0645, 0.4175, 0.4602

Deuteranopia

31.9223, 0.4376, 0.4291



Tritanopia

32.0611, 0.2756, 0.3086

Trichromacy



Original Color

32.2903, 0.3446, 0.5065

Protanomaly

31.5858, 0.3896, 0.4781

Deuteranomaly

31.1742, 0.4022, 0.4574

Tritanomaly

31.7644, 0.3038, 0.3810

Monochromacy



Original Color

32.2903, 0.3446, 0.5065

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

28.1062, 0.3298, 0.3979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2903, 0.3446, 0.5065 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(114, 169, 61)` looks like.

```
.text, #text, p{  
    color:rgb(114, 169, 61)  
}
```

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(114, 169, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 169, 61) }
```

Border

The CSS property to change the border of an element to Yxy 32.2903, 0.3446, 0.5065 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(114, 169, 61) }
```

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

```
.border{ border-color:rgb(114, 169, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 169, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 169, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 169, 61);  
box-shadow:4px 4px 4px 4px rgb(114, 169,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2903, 0.3446, 0.5065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 169, 61) }
```

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

```
.background{ background-color: rgb(114,  
169, 61) }
```

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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