

Converting Colors

Yxy(34.0472, 0.3162, 0.4463)

Have a look what the booklet for
Yxy(34.0472, 0.3162, 0.4463)
contains.

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Color

Yxy(34.0617, 0.3162, 0.4462)

Conversions

Conversions Part 1

Format	Color
Hex	72AC67
RGB	114, 172, 103
RGB Percent	45%, 67%, 40%
CMY	0.5531, 0.3255, 0.5960
CMYK	0.34, 0.00, 0.40, 0.33
HSL	110°, 29%, 54%
HSV	110°, 40%, 67%
XYZ	24.1379, 34.0617, 18.1377
YIQ	146.7920, -12.4190, -33.7550

Conversions

Conversions Part 2

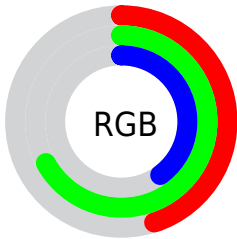
Format	Color
RYB	103, 172, 161
Decimal	7515239
CIELab	65.01, -32.55, 29.63
CIELCh	65, 44.019, 137.692
Yxy	34.0617, 0.3162, 0.4462
Android (android.graphics.Color)	4285705319 (0xFF72AC67)
YUV	146.7920, -21.5895, -28.7586
Hunter-Lab	58.3624, -28.3092, 22.4277

Details

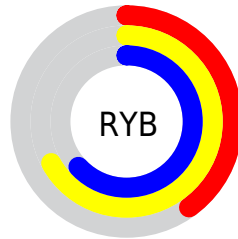
The Yxy color **34.0617, 0.3162, 0.4462** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.2647, 0.3042, 0.2282**, and the grayscale version is **29.1805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1782, 0.3170, 0.4211**, and **14.4936, 0.3123, 0.4882** is the 20% darker color. If you saturate the color by 10%, you get **32.8580, 0.3159, 0.4800**, and if you desaturate by 10%, it is **35.4928, 0.3159, 0.4133**.

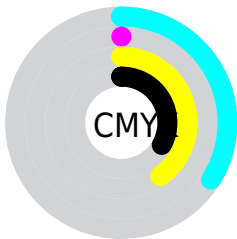
Distribution



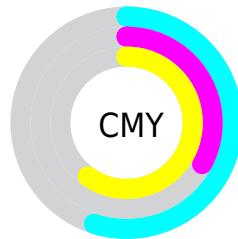
- Red (45%)
- Green (67%)
- Blue (40%)



- Red (40%)
- Yellow (67%)
- Blue (63%)



- Cyan (34%)
- Magenta (0%)
- Yellow (40%)
- Black (33%)





- Cyan (55%)
- Magenta (33%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0617, 0.3162, 0.4462 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 34.0617, 0.3162, 0.4462 by changing the saturation by 10% instead.


 34.0617, 0.3162,
0.4462


 34.0617, 0.3162,
0.4462

320.4071, 0.3165,
0.3813

 22.9410, 0.3151,
0.4646


 66.0296, 0.3170,
0.4210


 14.5499, 0.3130,
0.4895


 87.6456, 0.3170,
0.4121

 8.5041, 0.3085,
0.5249

 113.5288, 0.3170,
0.4047

 4.4192, 0.2984,
0.5782

 144.0637, 0.3170,
0.3985

 1.9107, 0.2912,
0.7088

179.6345, 0.3169,
0.3932

 0.5548, 0.0000,
1.0000

220.6258, 0.3167,

 0.0000, 0.0000,

0.3887

0.0000

267.4218, 0.3166,
0.3848

■ 34.0617, 0.3162,
0.4462

■ 34.0617, 0.3162,
0.4462

■ 32.8580, 0.3159,
0.4800

■ 35.4928, 0.3159,
0.4133

■ 31.8658, 0.3150,
0.5130

■ 37.1578, 0.3151,
0.3825

■ 31.0739, 0.3132,
0.5429

■ 39.0681, 0.3140,
0.3544


■ 30.4683, 0.3108,
0.5676


■ 41.2331, 0.3127,
0.3293

■ 30.0330, 0.3078,
0.5852


■ 43.6619, 0.3114,
0.3071

 29.7454, 0.3049,
0.5961

 46.3629, 0.3099,
0.2877

 49.3443, 0.3085,
0.2708

 52.6138, 0.3072,
0.2560

 55.9959, 0.3080,
0.2457

Harmonies

Analogous

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



34.0617, 0.3811, 0.4508



34.0617, 0.3162, 0.4462



34.0617, 0.2538, 0.3961

Triad

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



34.0617, 0.3162, 0.4462



34.0617, 0.2031, 0.2319



34.0617, 0.4253, 0.3184

Complementary

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



34.0617, 0.3162, 0.4462



20.2647, 0.3042, 0.2282

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.



34.0617, 0.3669, 0.2725



34.0617, 0.3162, 0.4462



34.0617, 0.2387, 0.2243

Square

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



34.0617, 0.3162, 0.4462



34.0617, 0.1932, 0.2653



34.0617, 0.2970, 0.2392



34.0617, 0.4487, 0.3697

Rectangle

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



34.0617, 0.3162, 0.4462



34.0617, 0.2220, 0.3485



34.0617, 0.2970, 0.2392



34.0617, 0.4088, 0.3021

Sweetspot

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



34.0632, 0.3162, 0.4462



70.1010, 0.3143, 0.3600



35.0696, 0.3775, 0.4121



15.1380, 0.3144, 0.3635



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



34.0632, 0.3162, 0.4462



59.8550, 0.3160, 0.4758



33.8992, 0.2904, 0.4083



8.9982, 0.3139, 0.3523



22.1495, 0.3053, 0.5958



0.6343, 0.3223, 0.5823

Inverse Universe

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



20.2647, 0.3042, 0.2282



31.3614, 0.3014, 0.2071



20.6453, 0.3458, 0.2616



8.0827, 0.3113, 0.3065



6.6946, 0.2817, 0.1325



0.2032, 0.2943, 0.1395

Previews

White Background



This preview shows how the Yxy color 34.0617, 0.3162, 0.4462 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 34.0617, 0.3162, 0.4462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

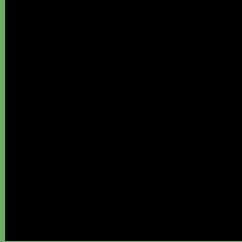
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0617, 0.3162, 0.4462

Background



This preview shows how black text looks on a background with the Yxy color 34.0617, 0.3162, 0.4462.



This preview shows how white text looks on a background with the Yxy color 34.0617, 0.3162, 0.4462.

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

34.0617, 0.3162, 0.4462

Protanopia

33.6349, 0.3837, 0.4162

Deuteranopia

33.5868, 0.3958, 0.3870



Tritanopia

33.8410, 0.2709, 0.3089

Trichromacy



Original Color

34.0617, 0.3162, 0.4462

Protanomaly

33.2255, 0.3570, 0.4274

Deuteranomaly

33.0714, 0.3642, 0.4080

Tritanomaly

33.5799, 0.2877, 0.3566

Monochromacy



Original Color

34.0617, 0.3162, 0.4462

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

30.5665, 0.3147, 0.3703

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0617, 0.3162, 0.4462 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, 172, 103)` looks like.

```
.text, #text, p{  
    color:rgb(114, 172, 103)  
}
```

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, 172, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 172, 103) }
```

Border

The CSS property to change the border of an element to Yxy 34.0617, 0.3162, 0.4462 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, 172, 103) }
```

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

```
.border{ border-color:rgb(114, 172, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 172, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 172, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 172, 103);  
box-shadow:4px 4px 4px 4px rgb(114, 172,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0617, 0.3162, 0.4462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 172, 103) }
```

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

```
.background{ background-color: rgb(114,  
172, 103) }
```

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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