

Converting Colors

$Yxy(36.2256, 0.3213, 0.4260)$

Have a look what the booklet for
Yxy(36.2256, 0.3213, 0.4260)
contains.

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Color

Yxy(36.2328, 0.3218, 0.4259)

Conversions

Conversions Part 1

Format	Color
Hex	82AE72
RGB	130, 174, 114
RGB Percent	51%, 68%, 45%
CMY	0.4902, 0.3176, 0.5530
CMYK	0.25, 0.00, 0.34, 0.32
HSL	104°, 27%, 56%
HSV	104°, 34%, 68%
XYZ	27.3766, 36.2328, 21.4640
YIQ	154.0040, -6.9640, -27.9880

Conversions

Conversions Part 2

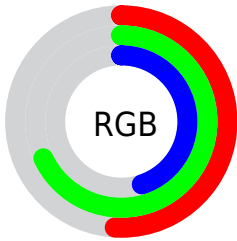
Format	Color
RYB	114, 174, 158
Decimal	8564338
CIELab	66.70, -26.25, 26.18
CIELCh	67, 37.075, 135.072
Yxy	36.2328, 0.3218, 0.4259
Android (android.graphics.Color)	4286754418 (0xFF82AE72)
YUV	154.0040, -19.7220, -21.0515
Hunter-Lab	60.1937, -24.1555, 20.9938

Details

The Yxy color **36.2328, 0.3218, 0.4259** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.3559, 0.2984, 0.2404**, and the grayscale version is **32.4060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5371, 0.3212, 0.4064**, and **15.7187, 0.3222, 0.4598** is the 20% darker color. If you saturate the color by 10%, you get **34.9279, 0.3233, 0.4583**, and if you desaturate by 10%, it is **37.7413, 0.3196, 0.3949**.

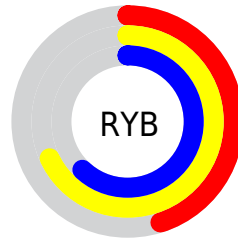
Distribution



Red (51%)

Green (68%)

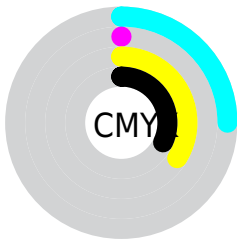
Blue (45%)



Red (45%)

Yellow (68%)

Blue (62%)

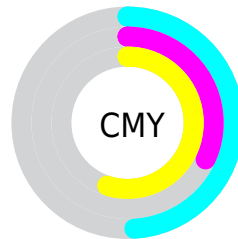


Cyan (25%)

Magenta (0%)

Yellow (34%)

Black (32%)



Cyan (49%)


Magenta (32%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2328, 0.3218, 0.4259 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 36.2328, 0.3218, 0.4259 by changing the saturation by 10% instead.

 36.2328, 0.3218,
0.4259


 36.2328, 0.3218,
0.4259


329.9769, 0.3185,
0.3732

 24.6140, 0.3220,
0.4405


 69.3912, 0.3210,
0.4057

 15.7897, 0.3219,
0.4601


 91.6997, 0.3206,
0.3984

 9.3755, 0.3207,
0.4877

 118.3402, 0.3201,
0.3924

 4.9869, 0.3169,
0.5290

 149.6971, 0.3198,
0.3873

 2.2396, 0.3214,
0.6275

186.1549, 0.3194,
0.3830

 0.7414, 0.0794,
0.9206

228.0978, 0.3191,

 0.0000, 0.0000,

0.3793

0.0000

275.9104, 0.3188,
0.3761

■ 36.2328, 0.3218,
0.4259

■ 36.2328, 0.3218,
0.4259

■ 34.9279, 0.3233,
0.4583

■ 37.7413, 0.3196,
0.3949

■ 33.8132, 0.3239,
0.4907

■ 39.4571, 0.3170,
0.3661

■ 32.8806, 0.3232,
0.5214

■ 41.3895, 0.3141,
0.3399

■ 32.1196, 0.3213,
0.5484


■ 43.5459, 0.3111,
0.3164

■ 31.5187, 0.3181,
0.5699

■ 45.9332, 0.3081,
0.2956


 31.0644, 0.3139,
0.5846

 48.5584, 0.3052,
0.2772

 30.8653, 0.3116,
0.5908

 51.4276, 0.3024,
0.2611

 54.5472, 0.2997,
0.2470

 56.8781, 0.3084,
0.2478

Harmonies

Analogous

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



36.2328, 0.3753, 0.4287



36.2328, 0.3218, 0.4259



36.2328, 0.2685, 0.3882

Triad

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



36.2328, 0.3218, 0.4259



36.2328, 0.2185, 0.2494



36.2328, 0.4022, 0.3175

Complementary

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



36.2328, 0.3218, 0.4259



22.3559, 0.2984, 0.2404

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.



36.2328, 0.3529, 0.2786



36.2328, 0.3218, 0.4259



36.2328, 0.2474, 0.2403

Square

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



36.2328, 0.3218, 0.4259



36.2328, 0.2121, 0.2806



36.2328, 0.2954, 0.2511



36.2328, 0.4249, 0.3614

Rectangle

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



36.2328, 0.3218, 0.4259



36.2328, 0.2402, 0.3508



36.2328, 0.2954, 0.2511



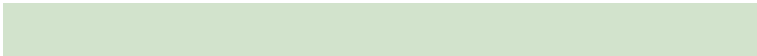
36.2328, 0.3880, 0.3037

Sweetspot

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



36.2344, 0.3218, 0.4259



73.0294, 0.3157, 0.3545



34.6680, 0.3707, 0.3928



16.1259, 0.3161, 0.3581



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.2344, 0.3218, 0.4259



63.9707, 0.3230, 0.4492



35.4094, 0.2976, 0.4058



9.0388, 0.3155, 0.3522



22.4100, 0.3123, 0.5902



0.6503, 0.3358, 0.5716

Inverse Universe

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



22.3559, 0.2984, 0.2404



35.1420, 0.2944, 0.2212



23.5680, 0.3327, 0.2630



8.0391, 0.3097, 0.3064



5.5530, 0.2553, 0.1180



0.1793, 0.2762, 0.1295

Previews

White Background



This preview shows how the Yxy color 36.2328, 0.3218, 0.4259 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 36.2328, 0.3218, 0.4259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

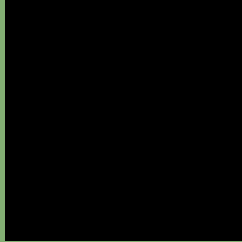
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2328, 0.3218, 0.4259

Background



This preview shows how black text looks on a background with the Yxy color 36.2328, 0.3218, 0.4259.



This preview shows how white text looks on a background with the Yxy color 36.2328, 0.3218, 0.4259.

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

36.2328, 0.3218, 0.4259

Protanopia

36.0587, 0.3745, 0.4048

Deuteranopia

35.8271, 0.3863, 0.3794



Tritanopia

36.1898, 0.2803, 0.3097

Trichromacy



Original Color

36.2328, 0.3218, 0.4259

Protanomaly

35.7911, 0.3544, 0.4118

Deuteranomaly

35.5600, 0.3609, 0.3950

Tritanomaly

36.0609, 0.2958, 0.3506

Monochromacy



Original Color

36.2328, 0.3218, 0.4259

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.3736, 0.3168, 0.3636

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2328, 0.3218, 0.4259 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(130, 174, 114)` looks like.

```
.text, #text, p{  
    color:rgb(130, 174, 114)  
}
```

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(130, 174, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 174, 114) }
```

Border

The CSS property to change the border of an element to Yxy 36.2328, 0.3218, 0.4259 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(130, 174, 114) }
```

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

```
.border{ border-color:rgb(130, 174, 114) }
```

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

Here you see how a box with a 4 pixel rgb(130, 174, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 174, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 174, 114);  
box-shadow:4px 4px 4px 4px rgb(130, 174,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2328, 0.3218, 0.4259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 174, 114) }
```

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

```
.background{ background-color: rgb(130,  
174, 114) }
```

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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