

Converting Colors

$Yxy(43.0754, 0.3076, 0.3486)$

Have a look what the booklet for
Yxy(43.0754, 0.3076, 0.3486)
contains.

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Color

Yxy(42.9728, 0.3075, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	A1B4A6
RGB	161, 180, 166
RGB Percent	63%, 71%, 65%
CMY	0.3688, 0.2941, 0.3491
CMYK	0.11, 0.00, 0.08, 0.29
HSL	136°, 11%, 67%
HSV	136°, 11%, 71%
XYZ	37.8954, 42.9728, 42.3689
YIQ	172.7230, -6.8300, -8.3820

Conversions

Conversions Part 2

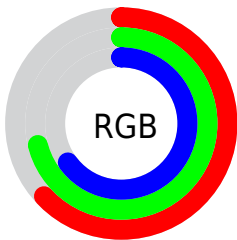
Format	Color
RYB	161, 176, 180
Decimal	10597542
CIELab	71.54, -9.31, 4.91
CIElCh	72, 10.525, 152.181
Yxy	42.9728, 0.3075, 0.3487
Android (android.graphics.Color)	4288787622 (0xFFA1B4A6)
YUV	172.7230, -3.3144, -10.2811
Hunter-Lab	65.5536, -11.5311, 7.5670

Details

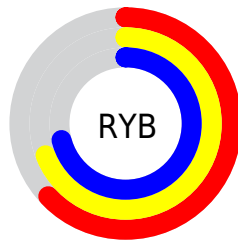
The Yxy color $42.9728, 0.3075, 0.3487$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $38.2758, 0.3184, 0.3101$, and the grayscale version is $41.6580, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.8103, 0.3086, 0.3452$, and $19.6449, 0.3057, 0.3546$ is the 20% darker color. If you saturate the color by 10%, you get $40.7762, 0.3026, 0.3697$, and if you desaturate by 10%, it is $45.4924, 0.3124, 0.3300$.

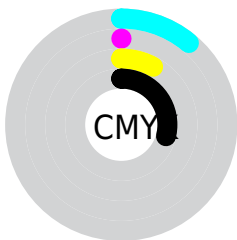
Distribution



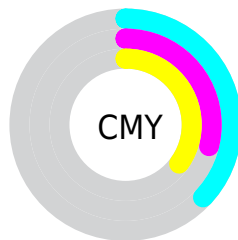
- Red (63%)
- Green (71%)
- Blue (65%)



- Red (63%)
- Yellow (69%)
- Blue (71%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



- Cyan (37%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9728, 0.3075, 0.3487 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 42.9728, 0.3075, 0.3487 by changing the saturation by 10% instead.


 42.9728, 0.3075,
0.3487


 42.9728, 0.3075,
0.3487


358.4999, 0.3102,
0.3386

 29.8638, 0.3068,
0.3513


 79.6698, 0.3085,
0.3450

 19.7352, 0.3059,
0.3547


 104.0266, 0.3089,
0.3436

 12.2027, 0.3046,
0.3594


132.9014, 0.3092,
0.3424

 6.8819, 0.3027,
0.3661

166.6787, 0.3095,
0.3414

 3.3883, 0.2997,
0.3767

205.7427, 0.3097,
0.3406

 1.3377, 0.2942,
0.3955

250.4780, 0.3099,

 0.1701, 0.0000,

0.3398

1.0000

301.2690, 0.3101,
0.3392

0.0000, 0.0000,
0.0000

42.9728, 0.3075,
0.3487

42.9728, 0.3075,
0.3487

40.7762, 0.3026,
0.3697

45.4924, 0.3124,
0.3300

38.8841, 0.2979,
0.3931

48.3417, 0.3173,
0.3136

37.2845, 0.2937,
0.4185


51.5342, 0.3219,
0.2992


35.9625, 0.2902,
0.4456


55.0807, 0.3264,
0.2867


34.9018, 0.2877,
0.4734

58.9918, 0.3306,
0.2758


 34.0843, 0.2865,
0.5010

 60.5310, 0.3234,
0.2641

 33.4895, 0.2867,
0.5268

 61.1287, 0.3162,
0.2556

 33.0937, 0.2885,
0.5496

 32.8582, 0.2910,
0.5674

Harmonies

Analogous

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



42.9728, 0.3227, 0.3551



42.9728, 0.3075, 0.3487



42.9728, 0.2939, 0.3366

Triad

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



42.9728, 0.3075, 0.3487



42.9728, 0.2902, 0.3043



42.9728, 0.3408, 0.3343

Complementary

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



42.9728, 0.3075, 0.3487



38.2758, 0.3184, 0.3101

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.



42.9728, 0.3316, 0.3213



42.9728, 0.3075, 0.3487



42.9728, 0.3023, 0.3043

Square

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



42.9728, 0.3075, 0.3487



42.9728, 0.2841, 0.3109



42.9728, 0.3174, 0.3104



42.9728, 0.3422, 0.3463

Rectangle

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



42.9728, 0.3075, 0.3487



42.9728, 0.2876, 0.3272



42.9728, 0.3174, 0.3104



42.9728, 0.3385, 0.3299

Sweetspot

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



42.9746, 0.3075, 0.3487



81.2909, 0.3112, 0.3344



44.3637, 0.3240, 0.3550



17.4888, 0.3108, 0.3359



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.9746, 0.3075, 0.3487



76.8009, 0.3062, 0.3540



43.3268, 0.3003, 0.3356



9.5257, 0.3081, 0.3462



22.9384, 0.2904, 0.5654



0.7316, 0.2744, 0.5078

Inverse Universe

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



38.2758, 0.3184, 0.3101



66.3495, 0.3199, 0.3052



37.9244, 0.3268, 0.3225



8.6077, 0.3176, 0.3124



7.9557, 0.3999, 0.1977



0.2593, 0.3735, 0.1831

Previews

White Background



This preview shows how the Yxy color 42.9728, 0.3075, 0.3487 looks on a white background.

Color Contrast Check

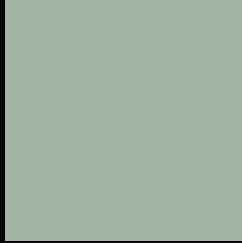
Large Text (above 18pt) WCAG AA × Fail

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 42.9728, 0.3075, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

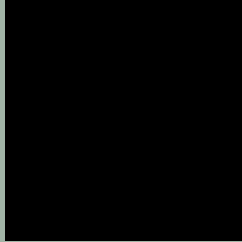
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

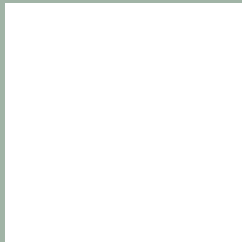
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9728, 0.3075, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 42.9728, 0.3075, 0.3487.



This preview shows how white text looks on a background with the Yxy color 42.9728, 0.3075, 0.3487.

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

42.9728, 0.3075, 0.3487

Protanopia

42.7402, 0.3283, 0.3439

Deuteranopia

42.6724, 0.3368, 0.3304



Tritanopia

42.7677, 0.2924, 0.3100

Trichromacy



Original Color

42.9728, 0.3075, 0.3487

Protanomaly

42.7297, 0.3208, 0.3455

Deuteranomaly

42.6222, 0.3259, 0.3371

Tritanomaly

42.6730, 0.2985, 0.3235

Monochromacy



Original Color

42.9728, 0.3075, 0.3487

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.3880, 0.3115, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9728, 0.3075, 0.3487 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(161, 180, 166)` looks like.

```
.text, #text, p{  
    color:rgb(161, 180, 166)  
}
```

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(161, 180, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 180, 166) }
```

Border

The CSS property to change the border of an element to Yxy 42.9728, 0.3075, 0.3487 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(161, 180, 166) }
```

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

```
.border{ border-color:rgb(161, 180, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 180, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 180, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 180, 166);  
box-shadow:4px 4px 4px 4px rgb(161, 180,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9728, 0.3075, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 180, 166) }
```

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

```
.background{ background-color: rgb(161,  
180, 166) }
```

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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