

Converting Colors

$Y_{xy}(27.2145, 0.3725, 0.3492)$

Have a look what the booklet for
Yxy(27.2145, 0.3725, 0.3492)
contains.

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Color

Yxy(27.2013, 0.3716, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	AC8679
RGB	172, 134, 121
RGB Percent	67%, 53%, 47%
CMY	0.3256, 0.4745, 0.5254
CMYK	0.00, 0.22, 0.30, 0.33
HSL	15°, 23%, 57%
HSV	15°, 30%, 67%
XYZ	28.9877, 27.2013, 21.8188
YIQ	143.8800, 26.8210, 4.0130

Conversions

Conversions Part 2

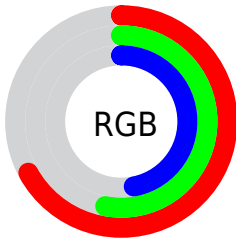
Format	Color
R_{YB}	172, 138, 121
Decimal	11306617
CIE Lab	59.16, 12.59, 12.55
CIE LCh	59, 17.779, 44.903
Yxy	27.2013, 0.3716, 0.3487
Android (android.graphics.Color)	4289496697 (0xFFAC8679)
YUV	143.8800, -11.2798, 24.6612
Hunter-Lab	52.1549, 7.9393, 11.7047

Details

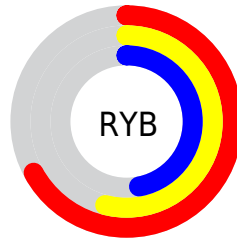
The Yxy color $27.2013, 0.3716, 0.3487$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $31.8392, 0.2685, 0.3083$, and the grayscale version is $27.8780, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.0518, 0.3593, 0.3452$, and $10.7305, 0.3950, 0.3547$ is the 20% darker color. If you saturate the color by 10%, you get $23.4866, 0.3991, 0.3556$, and if you desaturate by 10%, it is $31.4231, 0.3482, 0.3417$.

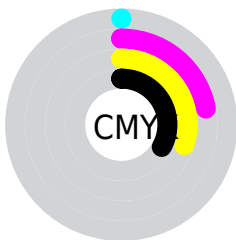
Distribution



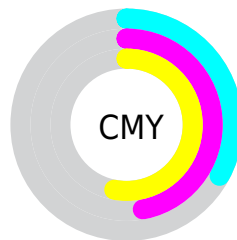
- Red (67%)
- Green (53%)
- Blue (47%)



- Red (67%)
- Yellow (54%)
- Blue (47%)



- Cyan (0%)
- Magenta (22%)
- Yellow (30%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2013, 0.3716, 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 27.2013, 0.3716, 0.3487 by changing the saturation by 10% instead.


 27.2013, 0.3716,
0.3487


 27.2013, 0.3716,
0.3487

288.6305, 0.3393,
0.3386


 17.7245, 0.3808,
0.3512


 55.2067, 0.3591,
0.3450

 10.7523, 0.3932,
0.3544


 74.5041, 0.3546,
0.3437

 5.9006, 0.4112,
0.3585

 97.8438, 0.3509,
0.3425

 2.7847, 0.4391,
0.3636

125.6101, 0.3478,
0.3415

 1.0204, 0.5195,
0.3931

158.1876, 0.3452,
0.3406

 0.0000, 1.0000,
0.0000

195.9605, 0.3430,

 0.0000, 0.0000,

0.3399

0.0000

239.3134, 0.3410,
0.3392

■ 27.2013, 0.3716,
0.3487

■ 27.2013, 0.3716,
0.3487

■ 23.4866, 0.3991,
0.3556

■ 31.4231, 0.3482,
0.3417

■ 20.2559, 0.4311,
0.3620

■ 36.1664, 0.3286,
0.3351

■ 17.4900, 0.4669,
0.3672

■ 41.4498, 0.3122,
0.3288


■ 15.1667, 0.5052,
0.3700


■ 47.2897, 0.2984,
0.3230


■ 13.2621, 0.5434,
0.3696


■ 53.7020, 0.2868,
0.3177

 11.7497, 0.5774,
0.3650


 60.7017, 0.2771,
0.3129

 10.5940, 0.6048,
0.3575

 68.3034, 0.2688,
0.3085

 10.5573, 0.6058,
0.3572

 76.2866, 0.2636,
0.3084

 83.9552, 0.2654,
0.3227

Harmonies

Analogous

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



27.2013, 0.3595, 0.3239



27.2013, 0.3716, 0.3487



27.2013, 0.3670, 0.3700

Triad

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



27.2013, 0.3716, 0.3487



27.2013, 0.2900, 0.3593



27.2013, 0.2774, 0.2799

Complementary

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



27.2013, 0.3716, 0.3487



31.8392, 0.2685, 0.3083

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.



27.2013, 0.2607, 0.2864



27.2013, 0.3716, 0.3487



27.2013, 0.2677, 0.3316

Square

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



27.2013, 0.3716, 0.3487



27.2013, 0.3191, 0.3780



27.2013, 0.2572, 0.3048



27.2013, 0.3041, 0.2854

Rectangle

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



27.2013, 0.3716, 0.3487



27.2013, 0.3553, 0.3791



27.2013, 0.2572, 0.3048



27.2013, 0.2705, 0.2807

Sweetspot

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



27.2026, 0.3716, 0.3487



66.0540, 0.3278, 0.3347



24.9606, 0.3302, 0.2736



14.0764, 0.3303, 0.3357



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.



27.2026, 0.3716, 0.3487



44.5370, 0.3905, 0.3536



35.0294, 0.3613, 0.3847



8.3348, 0.3280, 0.3348



7.9350, 0.6040, 0.3586



0.3085, 0.5456, 0.4050

Inverse Universe

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



31.8392, 0.2685, 0.3083



54.3950, 0.2587, 0.3026



24.0292, 0.2640, 0.2662



8.7213, 0.2986, 0.3231



13.8288, 0.2016, 0.2457



0.4657, 0.2094, 0.2738

Previews

White Background



This preview shows how the Yxy color 27.2013, 0.3716, 0.3487 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 27.2013, 0.3716, 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 × Fail

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

Yxy 27.2013, 0.3716, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 27.2013, 0.3716, 0.3487.



This preview shows how white text looks on a background with the Yxy color 27.2013, 0.3716, 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

27.2013, 0.3716, 0.3487

Protanopia

27.2162, 0.3378, 0.3568

Deuteranopia

27.1399, 0.3622, 0.3555



Tritanopia

27.1544, 0.3517, 0.3144

Trichromacy



Original Color

27.2013, 0.3716, 0.3487

Protanomaly

27.0886, 0.3489, 0.3529

Deuteranomaly

27.1799, 0.3661, 0.3537

Tritanomaly

27.1080, 0.3584, 0.3262

Monochromacy



Original Color

27.2013, 0.3716, 0.3487

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.4038, 0.3323, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2013, 0.3716, 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(172, 134, 121)` looks like.

```
.text, #text, p{  
    color:rgb(172, 134, 121)  
}
```

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(172, 134, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 134, 121) }
```

Border

The CSS property to change the border of an element to Yxy 27.2013, 0.3716, 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(172, 134, 121) }
```

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

```
.border{ border-color:rgb(172, 134, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 134, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 134, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 134, 121);  
box-shadow:4px 4px 4px 4px rgb(172, 134,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2013, 0.3716, 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(172, 134, 121) }
```

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

```
.background{ background-color: rgb(172,  
134, 121) }
```

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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