

Converting Colors

$Y_{xy}(25.6695, 0.3617, 0.3464)$

Have a look what the booklet for
Yxy(25.6695, 0.3617, 0.3464)
contains.

Yxy(25.6695, 0.3617, 0.3464)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.6695, 0.3617, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	A38479
RGB	163, 132, 121
RGB Percent	64%, 52%, 47%
CMY	0.3609, 0.4823, 0.5255
CMYK	0.00, 0.19, 0.26, 0.36
HSL	16°, 19%, 56%
HSV	16°, 26%, 64%
XYZ	26.8033, 25.6695, 21.6309
YIQ	140.0150, 22.0070, 3.1510

Conversions

Conversions Part 2

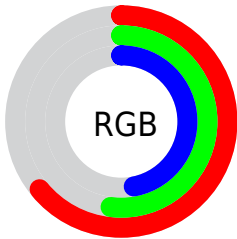
Format	Color
R_{YB}	163, 136, 121
Decimal	10716281
CIE _{Lab}	57.72, 10.12, 10.41
CIE _{LCh}	58, 14.514, 45.813
Yxy	25.6695, 0.3617, 0.3464
Android (android.graphics.Color)	4288906361 (0xFFA38479)
YUV	140.0150, -9.3744, 20.1578
Hunter-Lab	50.6651, 5.7678, 10.1524

Details

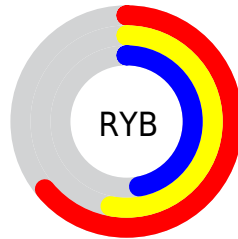
The Yxy color $25.6695, 0.3617, 0.3464$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $29.1538, 0.2742, 0.3109$, and the grayscale version is $26.2622, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.6205, 0.3510, 0.3433$, and $10.0339, 0.3816, 0.3539$ is the 20% darker color. If you saturate the color by 10%, you get $22.2287, 0.3873, 0.3536$, and if you desaturate by 10%, it is $29.5560, 0.3400, 0.3394$.

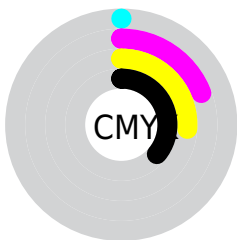
Distribution



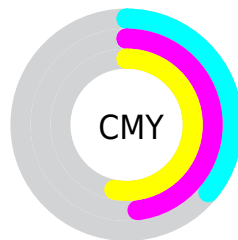
- Red (64%)
- Green (52%)
- Blue (47%)



- Red (64%)
- Yellow (53%)
- Blue (47%)



- Cyan (0%)
- Magenta (19%)
- Yellow (26%)
- Black (36%)





- Cyan (36%)
- Magenta (48%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6695, 0.3617, 0.3464 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 25.6695, 0.3617, 0.3464 by changing the saturation by 10% instead.


 25.6695, 0.3617,
0.3464


 25.6695, 0.3617,
0.3464


281.1559, 0.3346,
0.3373


 16.5766, 0.3695,
0.3488


 52.7413, 0.3511,
0.3430

 9.9330, 0.3802,
0.3519


 71.4889, 0.3474,
0.3418

 5.3546, 0.3958,
0.3560

 94.2236, 0.3443,
0.3407

 2.4568, 0.4205,
0.3616

121.3296, 0.3417,
0.3398

 0.8549, 0.5049,
0.4001

153.1915, 0.3395,
0.3391

 0.0000, 1.0000,
0.0000

190.1936, 0.3377,

 0.0000, 0.0000,

0.3384

0.0000

232.7202, 0.3360,
0.3378

■ 25.6695, 0.3617,
0.3464

■ 25.6695, 0.3617,
0.3464

■ 22.2287, 0.3873,
0.3536

■ 29.5560, 0.3400,
0.3394

■ 19.2140, 0.4171,
0.3604

■ 33.9000, 0.3218,
0.3327

■ 16.6094, 0.4511,
0.3664

■ 38.7170, 0.3066,
0.3264

■ 14.3967, 0.4882,
0.3704

■ 44.0211, 0.2937,
0.3207

■ 12.5562, 0.5263,
0.3716

■ 49.8253, 0.2829,
0.3154

■ 11.0661, 0.5622,
0.3689

■ 56.1426, 0.2738,
0.3106

■ 9.9016, 0.5920,
0.3621

■ 62.9852, 0.2660,
0.3063

■ 9.4943, 0.6034,
0.3591

■ 70.3650, 0.2594,
0.3024

■ 77.4496, 0.2596,
0.3123

Harmonies

Analogous

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



25.6695, 0.3520, 0.3256



25.6695, 0.3617, 0.3464



25.6695, 0.3576, 0.3638

Triad

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



25.6695, 0.3617, 0.3464



25.6695, 0.2932, 0.3534



25.6695, 0.2839, 0.2878

Complementary

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



25.6695, 0.3617, 0.3464



29.1538, 0.2742, 0.3109

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.



25.6695, 0.2694, 0.2932



25.6695, 0.3617, 0.3464



25.6695, 0.2746, 0.3307

Square

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



25.6695, 0.3617, 0.3464



25.6695, 0.3175, 0.3691



25.6695, 0.2661, 0.3085



25.6695, 0.3064, 0.2927

Rectangle

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



25.6695, 0.3617, 0.3464



25.6695, 0.3477, 0.3710



25.6695, 0.2661, 0.3085



25.6695, 0.2779, 0.2884

Sweetspot

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



25.6707, 0.3617, 0.3464



58.7930, 0.3259, 0.3342



23.7419, 0.3274, 0.2812



12.9453, 0.3285, 0.3352



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.6707, 0.3617, 0.3464



42.3053, 0.3761, 0.3506



31.7785, 0.3542, 0.3770



7.3741, 0.3279, 0.3350



7.4462, 0.6018, 0.3603



0.2288, 0.5362, 0.4124

Inverse Universe

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



29.1538, 0.2742, 0.3109



49.6288, 0.2658, 0.3062



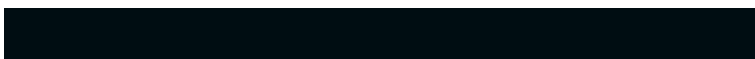
23.0743, 0.2711, 0.2758



7.6953, 0.2987, 0.3230



12.6161, 0.2009, 0.2433



0.3353, 0.2105, 0.2779

Previews

White Background



This preview shows how the Yxy color 25.6695, 0.3617, 0.3464 looks on a white background.

Color Contrast Check

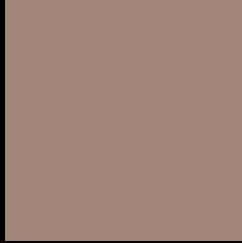
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6695, 0.3617, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

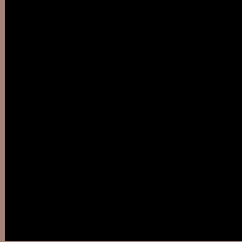
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6695, 0.3617, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 25.6695, 0.3617, 0.3464.



This preview shows how white text looks on a background with the Yxy color 25.6695, 0.3617, 0.3464.

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

25.6695, 0.3617, 0.3464

Protanopia

25.6519, 0.3353, 0.3524

Deuteranopia

25.8016, 0.3562, 0.3498



Tritanopia

25.5639, 0.3440, 0.3138

Trichromacy



Original Color

25.6695, 0.3617, 0.3464

Protanomaly

25.7138, 0.3450, 0.3503

Deuteranomaly

25.6291, 0.3578, 0.3482

Tritanomaly

25.5237, 0.3507, 0.3260

Monochromacy



Original Color

25.6695, 0.3617, 0.3464

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.8807, 0.3293, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6695, 0.3617, 0.3464 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(163, 132, 121)` looks like.

```
.text, #text, p{  
    color:rgb(163, 132, 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(163, 132, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 132, 121) }
```

Border

The CSS property to change the border of an element to Yxy 25.6695, 0.3617, 0.3464 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(163, 132, 121) }
```

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

```
.border{ border-color:rgb(163, 132, 121) }
```

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

Here you see how a box with a 4 pixel rgb(163, 132, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 132, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 132, 121);  
box-shadow:4px 4px 4px 4px rgb(163, 132,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6695, 0.3617, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 132, 121) }
```

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

```
.background{ background-color: rgb(163,  
132, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor