

Converting Colors

$Yxy(40.6926, 0.3261, 0.3211)$

Have a look what the booklet for
Yxy(40.6926, 0.3261, 0.3211)
contains.

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Color

Yxy(40.6901, 0.3262, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	BAA6AC
RGB	186, 166, 172
RGB Percent	73%, 65%, 67%
CMY	0.2705, 0.3490, 0.3256
CMYK	0.00, 0.11, 0.08, 0.27
HSL	342°, 13%, 69%
HSV	342°, 11%, 73%
XYZ	41.3364, 40.6901, 44.6945
YIQ	172.6640, 9.9940, 6.1060

Conversions

Conversions Part 2

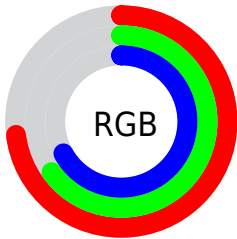
Format	Color
RYB	186, 166, 172
Decimal	12232364
CIELab	69.96, 8.31, -0.43
CIElCh	70, 8.323, 357.015
Yxy	40.6901, 0.3262, 0.3211
Android (android.graphics.Color)	4290422444 (0xFFBAA6AC)
YUV	172.6640, -0.3274, 11.6957
Hunter-Lab	63.7888, 4.0411, 3.1098

Details

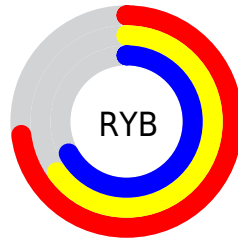
The Yxy color $40.6901, 0.3262, 0.3211$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.5353, 0.3008, 0.3370$, and the grayscale version is $41.6091, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.1362, 0.3237, 0.3229$, and $18.3772, 0.3303, 0.3181$ is the 20% darker color. If you saturate the color by 10%, you get $33.9338, 0.3417, 0.3133$, and if you desaturate by 10%, it is $48.4775, 0.3136, 0.3285$.

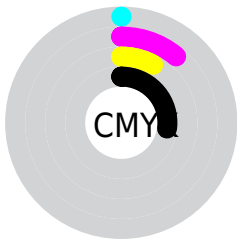
Distribution



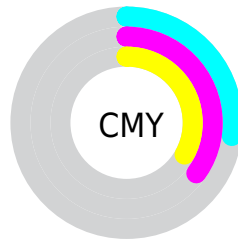
- Red (73%)
- Green (65%)
- Blue (67%)



- Red (73%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (27%)




- Cyan (27%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.6901, 0.3262, 0.3211 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 40.6901, 0.3262, 0.3211 by changing the saturation by 10% instead.

 40.6901, 0.3262,
0.3211


 40.6901, 0.3262,
0.3211

349.0237, 0.3193,
0.3251

 28.0770, 0.3280,
0.3201


 76.2132, 0.3237,
0.3226

 18.3837, 0.3303,
0.3187


 99.8921, 0.3227,
0.3231

 11.2258, 0.3334,
0.3169


128.0283, 0.3219,
0.3236

 6.2189, 0.3379,
0.3143

161.0063, 0.3212,
0.3240

 2.9787, 0.3449,
0.3102

199.2104, 0.3207,
0.3243

 1.1206, 0.3572,
0.3031

243.0251, 0.3202,

 0.0000, 0.8871,

0.3246

0.0000

292.8347, 0.3197,
0.3249

0.0000, 0.0000,
0.0000

40.6901, 0.3262,
0.3211

40.6901, 0.3262,
0.3211

33.9338, 0.3417,
0.3133

48.4775, 0.3136,
0.3285

28.1600, 0.3605,
0.3053

57.3313, 0.3033,
0.3353

23.3242, 0.3834,
0.2973

67.2917, 0.2949,
0.3415

19.3764, 0.4106,
0.2901

78.3953, 0.2880,
0.3473

16.2618, 0.4420,
0.2844

88.0902, 0.2820,
0.3482

■ 13.9194, 0.4770,
0.2813

■ 88.8817, 0.2755,
0.3340

■ 12.2801, 0.5134,
0.2820

■ 89.1832, 0.2731,
0.3289

■ 11.2619, 0.5483,
0.2873

■ 10.7244, 0.5769,
0.2951

Harmonies

Analogous

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



40.6901, 0.3144, 0.3128



40.6901, 0.3262, 0.3211



40.6901, 0.3344, 0.3315

Triad

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



40.6901, 0.3262, 0.3211



40.6901, 0.3228, 0.3502



40.6901, 0.2893, 0.3158

Complementary

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



40.6901, 0.3262, 0.3211



46.5353, 0.3008, 0.3370

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.



40.6901, 0.2915, 0.3259



40.6901, 0.3262, 0.3211



40.6901, 0.3107, 0.3461

Square

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



40.6901, 0.3262, 0.3211



40.6901, 0.3324, 0.3485



40.6901, 0.2992, 0.3370



40.6901, 0.2933, 0.3096

Rectangle

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



40.6901, 0.3262, 0.3211



40.6901, 0.3367, 0.3384



40.6901, 0.2992, 0.3370



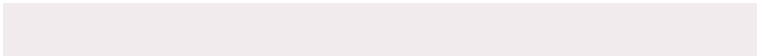
40.6901, 0.2894, 0.3189

Sweetspot

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



40.6919, 0.3262, 0.3211



84.4515, 0.3162, 0.3268



40.5233, 0.3085, 0.3025



18.3383, 0.3172, 0.3262



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



40.6919, 0.3262, 0.3211



70.5656, 0.3297, 0.3192



41.9468, 0.3309, 0.3344



9.0552, 0.3242, 0.3222



7.2240, 0.5735, 0.2933



0.2659, 0.4981, 0.2518

Inverse Universe

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



40.6919, 0.3262, 0.3211



70.5656, 0.3297, 0.3192



45.1193, 0.2963, 0.3236



9.0552, 0.3242, 0.3222



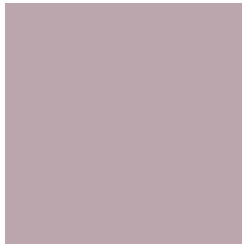
7.2240, 0.5735, 0.2933



0.2659, 0.4981, 0.2518

Previews

White Background



This preview shows how the Yxy color 40.6901, 0.3262, 0.3211 looks on a white background.

Color Contrast Check

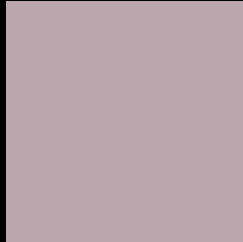
Large Text (above 18pt) WCAG AA × Fail

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 40.6901, 0.3262, 0.3211 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 40.6901, 0.3262, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 40.6901, 0.3262, 0.3211.



This preview shows how white text looks on a background with the Yxy color 40.6901, 0.3262, 0.3211.

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

40.6901, 0.3262, 0.3211

Protanopia

40.6897, 0.3121, 0.3235

Deuteranopia

40.8158, 0.3271, 0.3211



Tritanopia

40.6894, 0.3219, 0.3120

Trichromacy



Original Color

40.6901, 0.3262, 0.3211

Protanomaly

40.8580, 0.3175, 0.3236

Deuteranomaly

40.8158, 0.3271, 0.3211

Tritanomaly

40.6097, 0.3237, 0.3145

Monochromacy



Original Color

40.6901, 0.3262, 0.3211

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.2316, 0.3174, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6901, 0.3262, 0.3211 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(186, 166, 172)` looks like.

```
.text, #text, p{  
    color:rgb(186, 166, 172)  
}
```

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(186, 166, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 166, 172) }
```

Border

The CSS property to change the border of an element to Yxy 40.6901, 0.3262, 0.3211 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(186, 166, 172) }
```

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

```
.border{ border-color:rgb(186, 166, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 166, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 166, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 166, 172);  
box-shadow:4px 4px 4px 4px rgb(186, 166,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6901, 0.3262, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 166, 172) }
```

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

```
.background{ background-color: rgb(186,  
166, 172) }
```

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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