

Converting Colors

$Yxy(37.0997, 0.2613, 0.3053)$

Have a look what the booklet for
Yxy(37.0997, 0.2613, 0.3053)
contains.

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Color

Yxy(37.2305, 0.2613, 0.3064)

Conversions

Conversions Part 1

Format	Color
Hex	7AACBB
RGB	122, 172, 187
RGB Percent	48%, 67%, 73%
CMY	0.5215, 0.3255, 0.2666
CMYK	0.35, 0.08, 0.00, 0.27
HSL	194°, 32%, 61%
HSV	194°, 35%, 73%
XYZ	31.7504, 37.2305, 52.5285
YIQ	158.7600, -34.6150, -5.9350

Conversions

Conversions Part 2

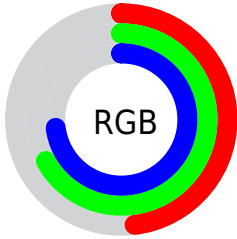
Format	Color
R_{YB}	122, 150, 187
Decimal	8039611
CIE _{Lab}	67.45, -12.77, -12.98
CIE _{LCh}	67, 18.207, 225.472
Yxy	37.2305, 0.2613, 0.3064
Android (android.graphics.Color)	4286229691 (0xFF7AACBB)
YUV	158.7600, 13.9223, -32.2385
Hunter-Lab	61.0168, -13.8960, -8.3302

Details

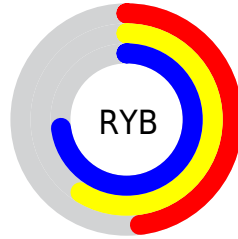
The Yxy color **37.2305, 0.2613, 0.3064** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.8699, 0.3865, 0.3503**, and the grayscale version is **34.5054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6393, 0.2707, 0.3107**, and **16.4563, 0.2462, 0.2991** is the 20% darker color. If you saturate the color by 10%, you get **34.3783, 0.2481, 0.2988**, and if you desaturate by 10%, it is **40.4017, 0.2755, 0.3136**.

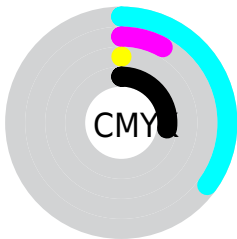
Distribution



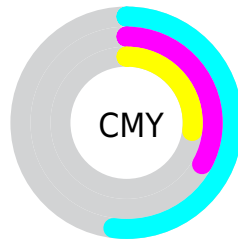
- Red (48%)
- Green (67%)
- Blue (73%)



- Red (48%)
- Yellow (59%)
- Blue (73%)



- Cyan (35%)
- Magenta (8%)
- Yellow (0%)
- Black (27%)




- Cyan (52%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2305, 0.2613, 0.3064 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 37.2305, 0.2613, 0.3064 by changing the saturation by 10% instead.


 37.2305, 0.2613,
0.3064


 37.2305, 0.2613,
0.3064


334.3074, 0.2875,
0.3185


 25.3860, 0.2546,
0.3031


 70.9272, 0.2709,
0.3110

 16.3649, 0.2460,
0.2987


 93.5481, 0.2745,
0.3127

 9.7827, 0.2344,
0.2926


 120.5300, 0.2775,
0.3141

 5.2551, 0.2180,
0.2835

152.2572, 0.2801,
0.3152

 2.3977, 0.1934,
0.2687

189.1142, 0.2823,
0.3162

 0.8247, 0.1401,
0.2447

231.4853, 0.2843,

 0.0000, 0.0000,

0.3171

0.0000

279.7549, 0.2860,
0.3179

■ 37.2305, 0.2613,
0.3064

■ 37.2305, 0.2613,
0.3064

■ 34.3783, 0.2481,
0.2988

■ 40.4017, 0.2755,
0.3136

■ 31.8251, 0.2361,
0.2907

■ 43.9019, 0.2903,
0.3202

■ 29.5553, 0.2257,
0.2824

■ 47.7461, 0.3055,
0.3263

■ 27.5495, 0.2171,
0.2740

■ 51.9467, 0.3207,
0.3318

■ 25.7857, 0.2104,
0.2655

■ 56.5158, 0.3358,
0.3368

■ 24.2371, 0.2056,
0.2570

■ 61.4646, 0.3505,
0.3412

■ 23.4812, 0.2035,
0.2526

■ 66.8038, 0.3648,
0.3450

■ 69.2533, 0.3653,
0.3494

■ 71.3683, 0.3642,
0.3537

Harmonies

Analogous

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



37.2305, 0.2708, 0.3310



37.2305, 0.2613, 0.3064



37.2305, 0.2648, 0.2895

Triad

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



37.2305, 0.2613, 0.3064



37.2305, 0.3332, 0.3037



37.2305, 0.3444, 0.3774

Complementary

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



37.2305, 0.2613, 0.3064



29.8699, 0.3865, 0.3503

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.



37.2305, 0.3625, 0.3673



37.2305, 0.2613, 0.3064



37.2305, 0.3561, 0.3248

Square

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



37.2305, 0.2613, 0.3064



37.2305, 0.3053, 0.2888



37.2305, 0.3670, 0.3478



37.2305, 0.3182, 0.3738

Rectangle

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



37.2305, 0.2613, 0.3064



37.2305, 0.2741, 0.2842



37.2305, 0.3670, 0.3478



37.2305, 0.3517, 0.3754

Sweetspot

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



37.2320, 0.2613, 0.3064



81.7046, 0.2973, 0.3231



41.4622, 0.2982, 0.4087



17.7808, 0.2951, 0.3222



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.



37.2320, 0.2613, 0.3064



62.5811, 0.2507, 0.3004



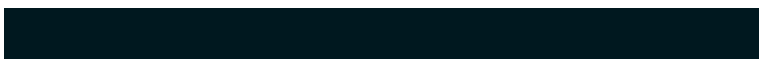
26.6101, 0.2547, 0.2563



10.4258, 0.2985, 0.3236



16.2914, 0.2038, 0.2536



0.7311, 0.2094, 0.2737

Inverse Universe

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



27.4681, 0.3328, 0.2619



42.9272, 0.3388, 0.2469



40.1957, 0.3720, 0.3922



9.6576, 0.3172, 0.3115



8.6743, 0.3886, 0.1914



0.3492, 0.3693, 0.1808

Previews

White Background



This preview shows how the Yxy color 37.2305, 0.2613, 0.3064 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 37.2305, 0.2613, 0.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

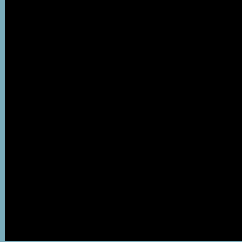
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

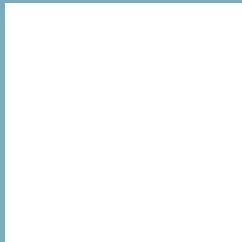
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.2305, 0.2613, 0.3064

Background



This preview shows how black text looks on a background with the Yxy color 37.2305, 0.2613, 0.3064.



This preview shows how white text looks on a background with the Yxy color 37.2305, 0.2613, 0.3064.

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

37.2305, 0.2613, 0.3064

Protanopia

37.1076, 0.2957, 0.3036

Deuteranopia

37.0748, 0.2936, 0.2879



Tritanopia

37.1878, 0.2619, 0.3079

Trichromacy



Original Color

37.2305, 0.2613, 0.3064

Protanomaly

36.8944, 0.2822, 0.3043

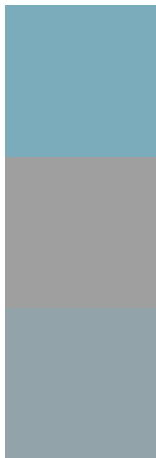
Deuteranomaly

36.8044, 0.2808, 0.2935

Tritanomaly

37.1878, 0.2619, 0.3079

Monochromacy



Original Color

37.2305, 0.2613, 0.3064

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.5265, 0.2922, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2305, 0.2613, 0.3064 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(122, 172, 187)` looks like.

```
.text, #text, p{  
    color:rgb(122, 172, 187)  
}
```

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(122, 172, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 172, 187) }
```

Border

The CSS property to change the border of an element to Yxy 37.2305, 0.2613, 0.3064 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(122, 172, 187) }
```

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

```
.border{ border-color:rgb(122, 172, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 172, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 172, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 172, 187);  
box-shadow:4px 4px 4px 4px rgb(122, 172,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2305, 0.2613, 0.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 172, 187) }
```

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

```
.background{ background-color: rgb(122,  
172, 187) }
```

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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