

Converting Colors

$Yxy(36.3137, 0.2605, 0.3204)$

Have a look what the booklet for
Yxy(36.3137, 0.2605, 0.3204)
contains.

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Color

Yxy(36.1641, 0.2604, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	70ACB2
RGB	112, 172, 178
RGB Percent	44%, 67%, 70%
CMY	0.5606, 0.3255, 0.3019
CMYK	0.37, 0.03, 0.00, 0.30
HSL	185°, 30%, 57%
HSV	185°, 37%, 70%
XYZ	29.4746, 36.1641, 47.5510
YIQ	154.7440, -37.6860, -10.8540

Conversions

Conversions Part 2

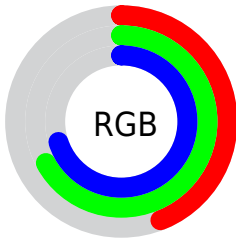
Format	Color
RYB	112, 143, 178
Decimal	7384242
CIELab	66.65, -17.80, -9.25
CIElCh	67, 20.055, 207.458
Yxy	36.1641, 0.2604, 0.3195
Android (android.graphics.Color)	4285574322 (0xFF70ACB2)
YUV	154.7440, 11.4652, -37.4865
Hunter-Lab	60.1366, -17.7513, -4.7859

Details

The Yxy color **36.1641, 0.2604, 0.3195** is a light color, and the websafe version is hex **669999**. A complement of this color would be **23.6063, 0.3978, 0.3381**, and the grayscale version is **32.6246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5343, 0.2699, 0.3219**, and **15.8434, 0.2450, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **34.4966, 0.2489, 0.3166**, and if you desaturate by 10%, it is **38.0729, 0.2733, 0.3223**.

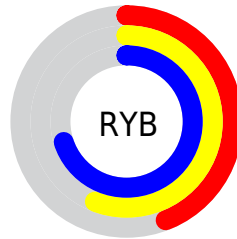
Distribution



Red (44%)

Green (67%)

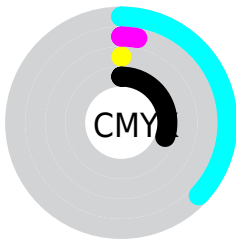
Blue (70%)



Red (44%)

Yellow (56%)

Blue (70%)

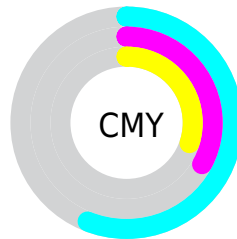


Cyan (37%)

Magenta (3%)

Yellow (0%)

Black (30%)



Cyan (56%)


Magenta (33%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1641, 0.2604, 0.3195 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 36.1641, 0.2604, 0.3195 by changing the saturation by 10% instead.

 36.1641, 0.2604,
0.3195


 36.1641, 0.2604,
0.3195


329.6772, 0.2872,
0.3250


 24.5610, 0.2535,
0.3179


 69.2853, 0.2703,
0.3217

 15.7503, 0.2445,
0.3157

 91.5721, 0.2740,
0.3224

 9.3476, 0.2324,
0.3124


 118.1889, 0.2771,
0.3230

 4.9686, 0.2152,
0.3073

149.5202, 0.2797,
0.3235

 2.2288, 0.1890,
0.2983

185.9503, 0.2820,
0.3240

 0.7357, 0.1045,
0.2904

227.8635, 0.2839,

 0.0000, 0.0000,

0.3243

0.0000

275.6444, 0.2857,
0.3247

■ 36.1641, 0.2604,
0.3195

■ 36.1641, 0.2604,
0.3195

■ 34.4966, 0.2489,
0.3166

■ 38.0729, 0.2733,
0.3223

■ 33.0523, 0.2390,
0.3135

■ 40.2312, 0.2872,
0.3249

■ 31.8176, 0.2308,
0.3104

■ 42.6522, 0.3020,
0.3274

■ 30.7755, 0.2246,
0.3073

■ 45.3468, 0.3172,
0.3296

■ 29.9060, 0.2202,
0.3042

■ 48.3252, 0.3327,
0.3317

■ 29.1806, 0.2174,
0.3012

■ 51.5972, 0.3482,
0.3335

■ 28.9787, 0.2167,
0.3003

■ 55.1721, 0.3635,
0.3351

■ 59.0588, 0.3784,
0.3365

■ 59.8463, 0.3784,
0.3382

Harmonies

Analogous

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



36.1641, 0.2786, 0.3487



36.1641, 0.2604, 0.3195



36.1641, 0.2556, 0.2949

Triad

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



36.1641, 0.2604, 0.3195



36.1641, 0.3168, 0.2901



36.1641, 0.3615, 0.3775

Complementary

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



36.1641, 0.2604, 0.3195



23.6063, 0.3978, 0.3381

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.



36.1641, 0.3732, 0.3591



36.1641, 0.2604, 0.3195



36.1641, 0.3468, 0.3097

Square

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



36.1641, 0.2604, 0.3195



36.1641, 0.2870, 0.2796



36.1641, 0.3679, 0.3344



36.1641, 0.3368, 0.3834

Rectangle

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



36.1641, 0.2604, 0.3195



36.1641, 0.2604, 0.2842



36.1641, 0.3679, 0.3344



36.1641, 0.3672, 0.3725

Sweetspot

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



36.1655, 0.2604, 0.3195



75.4656, 0.2958, 0.3264



36.5891, 0.3037, 0.4298



16.5892, 0.2938, 0.3261



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.



36.1655, 0.2604, 0.3195



63.2084, 0.2514, 0.3172



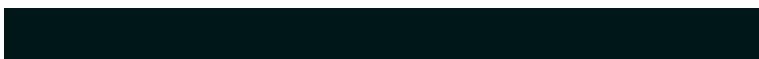
25.2803, 0.2528, 0.2660



9.4964, 0.2986, 0.3269



20.7802, 0.2168, 0.3006



0.6921, 0.2192, 0.3091

Inverse Universe

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



24.0415, 0.3237, 0.2462



38.4294, 0.3264, 0.2299



32.6166, 0.3805, 0.3845



8.6331, 0.3151, 0.3086



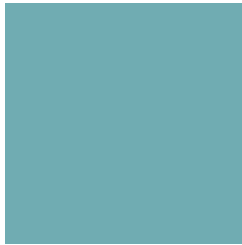
8.6379, 0.3449, 0.1674



0.2757, 0.3374, 0.1633

Previews

White Background



This preview shows how the Yxy color 36.1641, 0.2604, 0.3195 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 36.1641, 0.2604, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

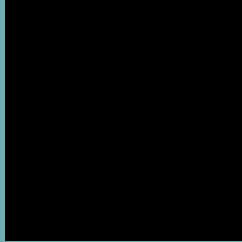
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1641, 0.2604, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 36.1641, 0.2604, 0.3195.



This preview shows how white text looks on a background with the Yxy color 36.1641, 0.2604, 0.3195.

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

36.1641, 0.2604, 0.3195

Protanopia

35.7633, 0.3050, 0.3132

Deuteranopia

35.7750, 0.3020, 0.2956



Tritanopia

36.2060, 0.2570, 0.3075

Trichromacy



Original Color

36.1641, 0.2604, 0.3195

Protanomaly

35.5362, 0.2865, 0.3141

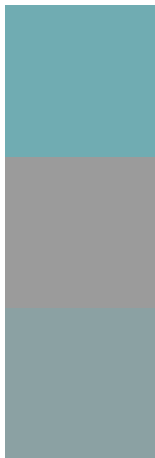
Deuteranomaly

35.4318, 0.2851, 0.3027

Tritanomaly

36.0139, 0.2582, 0.3119

Monochromacy



Original Color

36.1641, 0.2604, 0.3195

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.6230, 0.2908, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1641, 0.2604, 0.3195 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(112, 172, 178)` looks like.

```
.text, #text, p{  
    color:rgb(112, 172, 178)  
}
```

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(112, 172, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 172, 178) }
```

Border

The CSS property to change the border of an element to Yxy 36.1641, 0.2604, 0.3195 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(112, 172, 178) }
```

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

```
.border{ border-color:rgb(112, 172, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 172, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 172, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 172, 178);  
box-shadow:4px 4px 4px 4px rgb(112, 172,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1641, 0.2604, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 172, 178) }
```

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

```
.background{ background-color: rgb(112,  
172, 178) }
```

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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