

Converting Colors

$Yxy(37.1224, 0.2634, 0.2784)$

Have a look what the booklet for
Yxy(37.1224, 0.2634, 0.2784)
contains.

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Color

Yxy(37.1122, 0.2632, 0.2782)

Conversions

Conversions Part 1

Format	Color
Hex	8CA6CA
RGB	140, 166, 202
RGB Percent	55%, 65%, 79%
CMY	0.4509, 0.3490, 0.2079
CMYK	0.31, 0.18, 0.00, 0.21
HSL	215°, 37%, 67%
HSV	215°, 31%, 79%
XYZ	35.1112, 37.1122, 61.1778
YIQ	162.3300, -27.0520, 5.6840

Conversions

Conversions Part 2

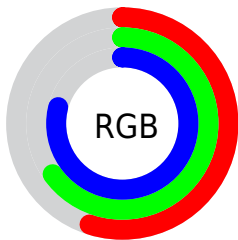
Format	Color
R _Y B	140, 158, 202
Decimal	9217738
CIE Lab	67.36, -0.55, -21.31
CIE LCh	67, 21.316, 268.511
Yxy	37.1122, 0.2632, 0.2782
Android (android.graphics.Color)	4287407818 (0xFF8CA6CA)
YUV	162.3300, 19.5573, -19.5834
Hunter-Lab	60.9198, -3.7310, -16.8972

Details

The Yxy color **37.1122, 0.2632, 0.2782** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **45.4934, 0.3676, 0.3749**, and the grayscale version is **36.2112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5350, 0.2748, 0.2919**, and **16.2475, 0.2483, 0.2622** is the 20% darker color. If you saturate the color by 10%, you get **31.4462, 0.2462, 0.2582**, and if you desaturate by 10%, it is **43.4920, 0.2800, 0.2966**.

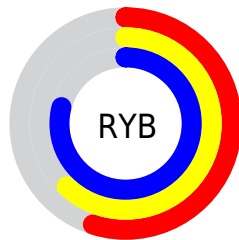
Distribution



Red (55%)

Green (65%)

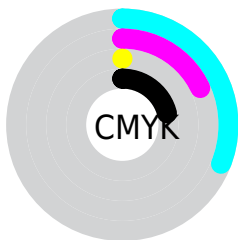
Blue (79%)



Red (55%)

Yellow (62%)

Blue (79%)

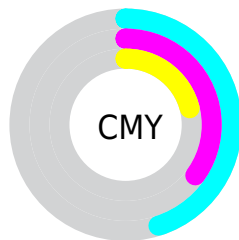


Cyan (31%)

Magenta (18%)

Yellow (0%)

Black (21%)



Cyan (45%)


Magenta (35%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1122, 0.2632, 0.2782 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 37.1122, 0.2632, 0.2782 by changing the saturation by 10% instead.


 37.1122, 0.2632,
0.2782


 37.1122, 0.2632,
0.2782


333.7960, 0.2885,
0.3042


 25.2944, 0.2567,
0.2716


 70.7453, 0.2725,
0.2878

 16.2965, 0.2484,
0.2629


 93.3294, 0.2760,
0.2913

 9.7342, 0.2372,
0.2514


 120.2710, 0.2789,
0.2943

 5.2231, 0.2215,
0.2352

151.9546, 0.2814,
0.2969

 2.3787, 0.1981,
0.2109

188.7645, 0.2835,
0.2991

 0.8149, 0.1600,
0.1714

231.0851, 0.2854,

 0.0000, 0.0000,

0.3010

0.0000

279.3008, 0.2871,
0.3027

■ 37.1122, 0.2632,
0.2782

■ 37.1122, 0.2632,
0.2782

■ 31.4462, 0.2462,
0.2582

■ 43.4920, 0.2800,
0.2966

■ 26.4615, 0.2294,
0.2369

■ 50.6073, 0.2963,
0.3132

■ 22.1295, 0.2135,
0.2146

■ 58.4844, 0.3117,
0.3281

■ 18.4174, 0.1990,
0.1920

■ 67.1468, 0.3262,
0.3412

■ 15.2887, 0.1866,
0.1699

■ 76.6171, 0.3397,
0.3528

■ 12.7018, 0.1767,
0.1489

■ 85.7218, 0.3477,
0.3635

■ 10.7167, 0.1697,
0.1310

■ 92.7111, 0.3455,
0.3747

■ 97.0434, 0.3442,
0.3810

Harmonies

Analogous

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



37.1122, 0.2528, 0.2923



37.1122, 0.2632, 0.2782



37.1122, 0.2866, 0.2773

Triad

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



37.1122, 0.2632, 0.2782



37.1122, 0.3714, 0.3355



37.1122, 0.3048, 0.3748

Complementary

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



37.1122, 0.2632, 0.2782



45.4934, 0.3676, 0.3749

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.



37.1122, 0.3369, 0.3864



37.1122, 0.2632, 0.2782



37.1122, 0.3764, 0.3614

Square

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



37.1122, 0.2632, 0.2782



37.1122, 0.3496, 0.3095



37.1122, 0.3634, 0.3806



37.1122, 0.2759, 0.3487

Rectangle

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



37.1122, 0.2632, 0.2782



37.1122, 0.3072, 0.2837



37.1122, 0.3634, 0.3806



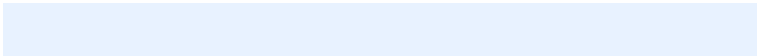
37.1122, 0.3156, 0.3806

Sweetspot

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



37.1137, 0.2632, 0.2782



87.6960, 0.2987, 0.3156



50.9088, 0.2856, 0.3664



18.3667, 0.2964, 0.3133



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



37.1137, 0.2632, 0.2782



56.1738, 0.2516, 0.2647



28.9645, 0.2623, 0.2407



11.6044, 0.2983, 0.3152



7.0650, 0.1704, 0.1335



0.5134, 0.1812, 0.1724

Inverse Universe

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



34.0664, 0.3526, 0.2957



50.8083, 0.3650, 0.2881



56.1115, 0.3551, 0.4058



11.2904, 0.3225, 0.3193



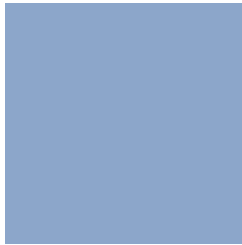
8.5162, 0.5279, 0.2682



0.4544, 0.4778, 0.2406

Previews

White Background



This preview shows how the Yxy color 37.1122, 0.2632, 0.2782 looks on a white background.

Color Contrast Check

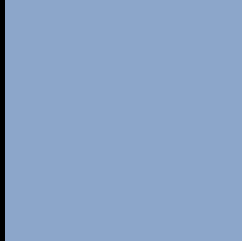
Large Text (above 18pt) WCAG AA × Fail

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 37.1122, 0.2632, 0.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

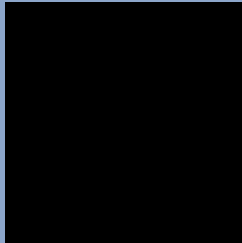
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

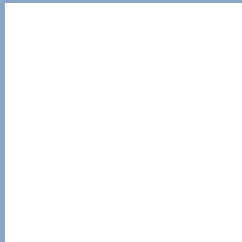
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.1122, 0.2632, 0.2782

Background



This preview shows how black text looks on a background with the Yxy color 37.1122, 0.2632, 0.2782.

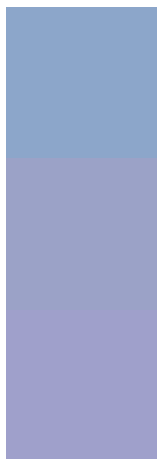


This preview shows how white text looks on a background with the Yxy color 37.1122, 0.2632, 0.2782.

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

37.1122, 0.2632, 0.2782

Protanopia

36.9327, 0.2765, 0.2779

Deuteranopia

36.8243, 0.2766, 0.2706



Tritanopia

37.0291, 0.2738, 0.3082

Trichromacy



Original Color

37.1122, 0.2632, 0.2782

Protanomaly

36.8485, 0.2718, 0.2775

Deuteranomaly

36.8279, 0.2712, 0.2725

Tritanomaly

37.0413, 0.2695, 0.2969

Monochromacy



Original Color

37.1122, 0.2632, 0.2782

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.2387, 0.2927, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1122, 0.2632, 0.2782 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(140, 166, 202)` looks like.

```
.text, #text, p{  
    color:rgb(140, 166, 202)  
}
```

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(140, 166, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 166, 202) }
```

Border

The CSS property to change the border of an element to Yxy 37.1122, 0.2632, 0.2782 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(140, 166, 202) }
```

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

```
.border{ border-color:rgb(140, 166, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 166, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 166, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 166, 202);  
box-shadow:4px 4px 4px 4px rgb(140, 166,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1122, 0.2632, 0.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 166, 202) }
```

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

```
.background{ background-color: rgb(140,  
166, 202) }
```

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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