

Converting Colors

$Yxy(37.7720, 0.2633, 0.2561)$

Have a look what the booklet for
Yxy(37.7720, 0.2633, 0.2561)
contains.

Yxy(37.7204, 0.2631, 0.2559)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.7204, 0.2631, 0.2559)

Conversions

Conversions Part 1

Format	Color
Hex	9AA2D9
RGB	154, 162, 217
RGB Percent	60%, 64%, 85%
CMY	0.3959, 0.3648, 0.1489
CMYK	0.29, 0.25, 0.00, 0.15
HSL	232°, 45%, 73%
HSV	232°, 29%, 85%
XYZ	38.7817, 37.7204, 70.9008
YIQ	165.8780, -22.4230, 15.4090

Conversions

Conversions Part 2

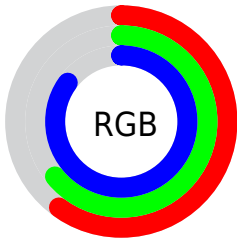
Format	Color
RYB	154, 161, 217
Decimal	10134233
CIELab	67.81, 9.58, -28.84
CIElCh	68, 30.395, 288.379
Yxy	37.7204, 0.2631, 0.2559
Android (android.graphics.Color)	4288324313 (0xFF9AA2D9)
YUV	165.8780, 25.2031, -10.4170
Hunter-Lab	61.4169, 5.2341, -25.4536

Details

The Yxy color **37.7204, 0.2631, 0.2559** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **62.7420, 0.3587, 0.3928**, and the grayscale version is **37.9604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5473, 0.2840, 0.2885**, and **16.7442, 0.2482, 0.2365** is the 20% darker color. If you saturate the color by 10%, you get **29.5942, 0.2433, 0.2255**, and if you desaturate by 10%, it is **47.2429, 0.2817, 0.2838**.

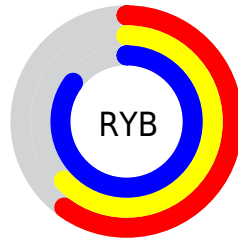
Distribution



Red (60%)

Green (64%)

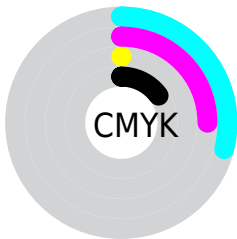
Blue (85%)



Red (60%)

Yellow (63%)

Blue (85%)

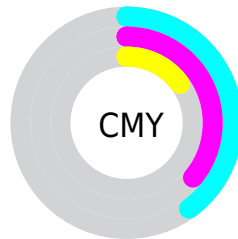


Cyan (29%)

Magenta (25%)

Yellow (0%)

Black (15%)



Cyan (40%)

Magenta (36%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.7204, 0.2631, 0.2559 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 37.7204, 0.2631, 0.2559 by changing the saturation by 10% instead.

■ 37.7204, 0.2631,
0.2559

■ 37.7204, 0.2631,
0.2559

■ 336.4190, 0.2886,
0.2922

■ 25.7658, 0.2566,
0.2470

■ 71.6794, 0.2725,
0.2690

■ 16.6485, 0.2483,
0.2357

■ 94.4525, 0.2759,
0.2740

■ 9.9842, 0.2371,
0.2209

■ 121.6006, 0.2789,
0.2782

■ 5.3885, 0.2216,
0.2010

■ 153.5080, 0.2814,
0.2818

■ 2.4769, 0.1988,
0.1728

■ 190.5592, 0.2835,
0.2849

■ 0.8651, 0.1631,
0.1313

■ 233.1385, 0.2854,

■ 0.0000, 0.0020,

0.2877

0.0000

281.6303, 0.2871,
0.2901

0.0000, 0.0000,
0.0000

37.7204, 0.2631,
0.2559

37.7204, 0.2631,
0.2559

29.5942, 0.2433,
0.2255

47.2429, 0.2817,
0.2838

22.7940, 0.2230,
0.1936

58.2185, 0.2988,
0.3089

17.2501, 0.2032,
0.1615

70.7064, 0.3142,
0.3311

12.8847, 0.1852,
0.1311

84.7613, 0.3278,
0.3504

9.6111, 0.1702,
0.1045

97.7912, 0.3351,
0.3661

■ 7.3302, 0.1593,
0.0836

■ 5.9129, 0.1529,
0.0695

■ 5.8097, 0.1524,
0.0685

Harmonies

Analogous

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



37.7204, 0.2368, 0.2623



37.7204, 0.2631, 0.2559



37.7204, 0.3041, 0.2664

Triad

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



37.7204, 0.2631, 0.2559



37.7204, 0.4038, 0.3609



37.7204, 0.2729, 0.3717

Complementary

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



37.7204, 0.2631, 0.2559



62.7420, 0.3587, 0.3928

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.



37.7204, 0.3160, 0.4040



37.7204, 0.2631, 0.2559



37.7204, 0.3928, 0.3930

Square

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



37.7204, 0.2631, 0.2559



37.7204, 0.3882, 0.3244



37.7204, 0.3601, 0.4107



37.7204, 0.2419, 0.3267

Rectangle

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



37.7204, 0.2631, 0.2559



37.7204, 0.3353, 0.2814



37.7204, 0.3601, 0.4107



37.7204, 0.2864, 0.3847

Sweetspot

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



37.7219, 0.2631, 0.2559



83.7657, 0.2987, 0.3087



61.1011, 0.2757, 0.3395



17.4040, 0.2963, 0.3052



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.



37.7219, 0.2631, 0.2559



46.7379, 0.2507, 0.2370



37.5059, 0.2809, 0.2493



12.8800, 0.2981, 0.3079



3.5998, 0.1528, 0.0699



0.3219, 0.1590, 0.0924

Inverse Universe

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



40.4944, 0.3686, 0.3195



51.6153, 0.3860, 0.3174



63.4364, 0.3382, 0.4057



13.0781, 0.3272, 0.3261



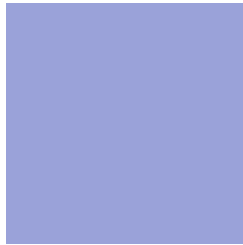
8.9872, 0.6234, 0.3208



0.5912, 0.5874, 0.3010

Previews

White Background



This preview shows how the Yxy color 37.7204, 0.2631, 0.2559 looks on a white background.

Color Contrast Check

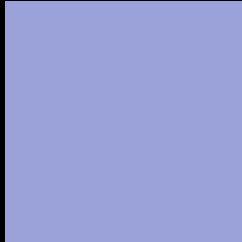
Large Text (above 18pt) WCAG AA × Fail

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 37.7204, 0.2631, 0.2559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

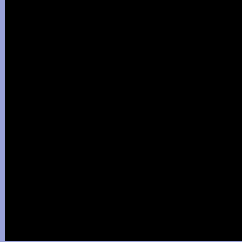
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7204, 0.2631, 0.2559

Background



This preview shows how black text looks on a background with the Yxy color 37.7204, 0.2631, 0.2559.



This preview shows how white text looks on a background with the Yxy color 37.7204, 0.2631, 0.2559.

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

37.7204, 0.2631, 0.2559

Protanopia

37.7404, 0.2596, 0.2556

Deuteranopia

37.6227, 0.2623, 0.2558



Tritanopia

37.5857, 0.2832, 0.3087

Trichromacy



Original Color

37.7204, 0.2631, 0.2559

Protanomaly

37.8357, 0.2603, 0.2557

Deuteranomaly

37.6227, 0.2623, 0.2558

Tritanomaly

37.6966, 0.2758, 0.2883

Monochromacy



Original Color

37.7204, 0.2631, 0.2559

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.0944, 0.2934, 0.3011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7204, 0.2631, 0.2559 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(154, 162, 217)` looks like.

```
.text, #text, p{  
    color:rgb(154, 162, 217)  
}
```

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(154, 162, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 162, 217) }
```

Border

The CSS property to change the border of an element to Yxy 37.7204, 0.2631, 0.2559 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(154, 162, 217) }
```

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

```
.border{ border-color:rgb(154, 162, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 162, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 162, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 162, 217); box-shadow:4px 4px 4px 4px rgb(154, 162, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7204, 0.2631, 0.2559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 162, 217) }
```

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

```
.background{ background-color: rgb(154,  
162, 217) }
```

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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