

Converting Colors

Yxy(37.2642, 0.2553, 0.2503)

Have a look what the booklet for
Yxy(37.2642, 0.2553, 0.2503)
contains.

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Color

Yxy(37.2642, 0.2553, 0.2503)

Conversions

Conversions Part 1

Format	Color
Hex	93A2DD
RGB	147, 162, 221
RGB Percent	58%, 64%, 87%
CMY	0.4234, 0.3647, 0.1333
CMYK	0.33, 0.27, 0.00, 0.13
HSL	228°, 52%, 72%
HSV	228°, 33%, 87%
XYZ	38.0086, 37.2642, 73.6054
YIQ	164.2410, -27.8790, 15.1690

Conversions

Conversions Part 2

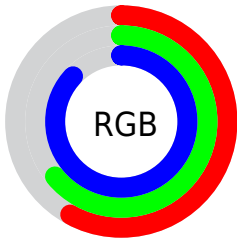
Format	Color
R _{YB}	147, 159, 221
Decimal	9675485
CIE _{Lab}	67.47, 8.57, -31.61
CIE _{LCh}	67, 32.746, 285.163
Yxy	37.2642, 0.2553, 0.2503
Android (android.graphics.Color)	4287865565 (0xFF93A2DD)
YUV	164.2410, 27.9822, -15.1204
Hunter-Lab	61.0444, 4.3132, -28.7589

Details

The Yxy color **37.2642, 0.2553, 0.2503** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **61.6463, 0.3681, 0.3969**, and the grayscale version is **37.1221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5422, 0.2795, 0.2880**, and **16.5017, 0.2385, 0.2291** is the 20% darker color. If you saturate the color by 10%, you get **29.6329, 0.2359, 0.2217**, and if you desaturate by 10%, it is **46.1617, 0.2740, 0.2768**.

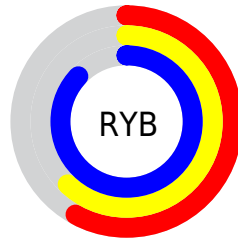
Distribution



Red (58%)

Green (64%)

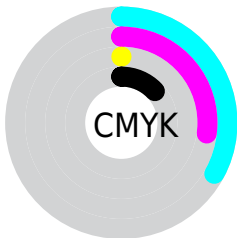
Blue (87%)



Red (58%)

Yellow (62%)

Blue (87%)

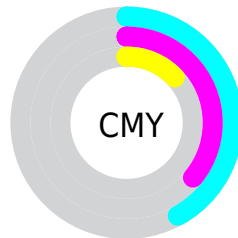


Cyan (33%)

Magenta (27%)

Yellow (0%)

Black (13%)



Cyan (42%)

Magenta (36%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2642, 0.2553, 0.2503 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 37.2642, 0.2553, 0.2503 by changing the saturation by 10% instead.

■ 37.2642, 0.2553,
0.2503

■ 37.2642, 0.2553,
0.2503

■ 334.4529, 0.2846,
0.2894

■ 25.4121, 0.2479,
0.2407

■ 70.9789, 0.2660,
0.2644

■ 16.3844, 0.2384,
0.2287

■ 93.6104, 0.2701,
0.2697

■ 9.7965, 0.2258,
0.2129

■ 120.6037, 0.2734,
0.2742

■ 5.2643, 0.2084,
0.1917

■ 152.3434, 0.2763,
0.2781

■ 2.4031, 0.1833,
0.1622

■ 189.2137, 0.2788,
0.2815

■ 0.8275, 0.1451,
0.1194

■ 231.5992, 0.2810,

■ 0.0000, 0.0000,

0.2845

0.0000

279.8841, 0.2829,
0.2871

■ 37.2642, 0.2553,
0.2503

■ 37.2642, 0.2553,
0.2503

■ 29.6329, 0.2359,
0.2217

■ 46.1617, 0.2740,
0.2768

■ 23.2048, 0.2166,
0.1919

■ 56.3758, 0.2914,
0.3008

■ 17.9180, 0.1981,
0.1621

■ 67.9592, 0.3075,
0.3222

■ 13.7032, 0.1818,
0.1338

■ 80.9606, 0.3220,
0.3410

■ 10.4826, 0.1686,
0.1088

■ 94.9426, 0.3334,
0.3575

■ 8.1672, 0.1593,
0.0887

■ 98.0012, 0.3327,
0.3621

■ 7.0763, 0.1552,
0.0785

Harmonies

Analogous

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



37.2642, 0.2293, 0.2589



37.2642, 0.2553, 0.2503



37.2642, 0.2980, 0.2599

Triad

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



37.2642, 0.2553, 0.2503



37.2642, 0.4109, 0.3587



37.2642, 0.2741, 0.3802

Complementary

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



37.2642, 0.2553, 0.2503



61.6463, 0.3681, 0.3969

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.



37.2642, 0.3212, 0.4128



37.2642, 0.2553, 0.2503



37.2642, 0.4017, 0.3944

Square

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



37.2642, 0.2553, 0.2503



37.2642, 0.3910, 0.3196



37.2642, 0.3682, 0.4164



37.2642, 0.2391, 0.3315

Rectangle

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



37.2642, 0.2553, 0.2503



37.2642, 0.3315, 0.2749



37.2642, 0.3682, 0.4164



37.2642, 0.2890, 0.3938

Sweetspot

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



37.2656, 0.2553, 0.2503



83.1820, 0.2971, 0.3084



62.3329, 0.2741, 0.3493



17.3322, 0.2947, 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.



37.2656, 0.2553, 0.2503



44.1240, 0.2421, 0.2309



34.4205, 0.2696, 0.2341



13.0417, 0.2981, 0.3098



4.2395, 0.1558, 0.0807



0.3981, 0.1640, 0.1103

Inverse Universe

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



38.8585, 0.3747, 0.3112



47.0843, 0.3935, 0.3076



66.1142, 0.3466, 0.4170



13.0944, 0.3260, 0.3243



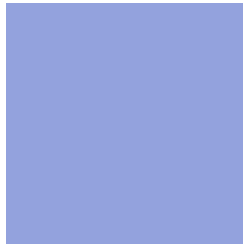
9.0517, 0.6059, 0.3111



0.5989, 0.5606, 0.2862

Previews

White Background



This preview shows how the Yxy color 37.2642, 0.2553, 0.2503 looks on a white background.

Color Contrast Check

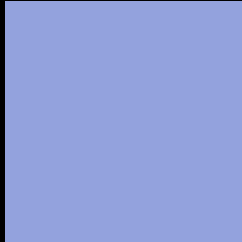
Large Text (above 18pt) WCAG AA × Fail

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 37.2642, 0.2553, 0.2503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

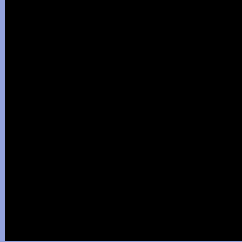
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2642, 0.2553, 0.2503

Background



This preview shows how black text looks on a background with the Yxy color 37.2642, 0.2553, 0.2503.



This preview shows how white text looks on a background with the Yxy color 37.2642, 0.2553, 0.2503.

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

37.2642, 0.2553, 0.2503

Protanopia

37.2642, 0.2553, 0.2503

Deuteranopia

37.3570, 0.2560, 0.2505



Tritanopia

37.1981, 0.2753, 0.3083

Trichromacy



Original Color

37.2642, 0.2553, 0.2503

Protanomaly

37.2642, 0.2553, 0.2503

Deuteranomaly

37.3570, 0.2560, 0.2505

Tritanomaly

36.9664, 0.2673, 0.2848

Monochromacy



Original Color

37.2642, 0.2553, 0.2503

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.9663, 0.2898, 0.2980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2642, 0.2553, 0.2503 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(147, 162, 221)` looks like.

```
.text, #text, p{  
    color:rgb(147, 162, 221)  
}
```

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(147, 162, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 162, 221) }
```

Border

The CSS property to change the border of an element to Yxy 37.2642, 0.2553, 0.2503 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(147, 162, 221) }
```

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

```
.border{ border-color:rgb(147, 162, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 162, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 162, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 162, 221);  
box-shadow:4px 4px 4px 4px rgb(147, 162,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2642, 0.2553, 0.2503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 162, 221) }
```

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

```
.background{ background-color: rgb(147,  
162, 221) }
```

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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