

Converting Colors

$Yxy(52.8931, 0.2621, 0.2618)$

Have a look what the booklet for
Yxy(52.8931, 0.2621, 0.2618)
contains.

Yxy(53.0376, 0.2621, 0.2622)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.0376, 0.2621, 0.2622)

Conversions

Conversions Part 1

Format	Color
Hex	AEBFF8
RGB	174, 191, 248
RGB Percent	68%, 75%, 97%
CMY	0.3178, 0.2509, 0.0276
CMYK	0.30, 0.23, 0.00, 0.03
HSL	226°, 84%, 83%
HSV	226°, 30%, 97%
XYZ	53.0174, 53.0376, 96.2242
YIQ	192.4150, -28.4290, 14.1230

Conversions

Conversions Part 2

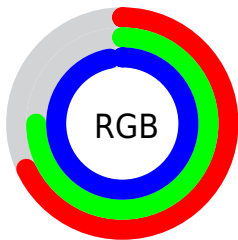
Format	Color
RYB	174, 188, 248
Decimal	11452408
CIELab	77.90, 6.86, -30.04
CIELCh	78, 30.809, 282.864
Yxy	53.0376, 0.2621, 0.2622
Android (android.graphics.Color)	4289642488 (0xFFAEBFF8)
YUV	192.4150, 27.4034, -16.1500
Hunter-Lab	72.8269, 2.4994, -27.3594

Details

The Yxy color **53.0376, 0.2621, 0.2622** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.1014, 0.3626, 0.3879**, and the grayscale version is **52.8130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7305, 0.2981, 0.3210**, and **25.9316, 0.2497, 0.2468** is the 20% darker color. If you saturate the color by 10%, you get **42.6630, 0.2430, 0.2351**, and if you desaturate by 10%, it is **65.0260, 0.2803, 0.2871**.

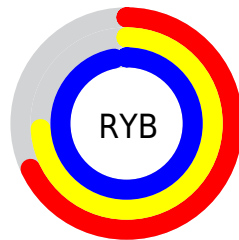
Distribution



Red (68%)

Green (75%)

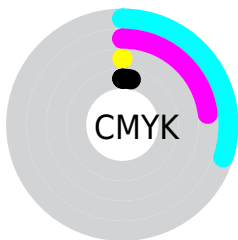
Blue (97%)



Red (68%)

Yellow (74%)

Blue (97%)

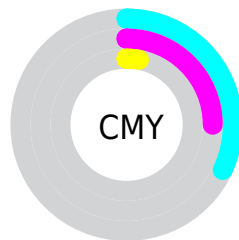


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (3%)



Cyan (32%)

Magenta (25%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0376, 0.2621, 0.2622 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 53.0376, 0.2621, 0.2622 by changing the saturation by 10% instead.

■ 53.0376, 0.2621,
0.2622

■ 53.0376, 0.2621,
0.2622

■ 398.4294, 0.2865,
0.2938

■ 37.8328, 0.2563,
0.2549

■ 94.6597, 0.2708,
0.2733

■ 25.8529, 0.2491,
0.2458

■ 121.8458, 0.2741,
0.2775

■ 16.7137, 0.2398,
0.2343

■ 153.7944, 0.2769,
0.2812

■ 10.0305, 0.2275,
0.2193

■ 190.8899, 0.2794,
0.2844

■ 5.4192, 0.2105,
0.1990

■ 233.5168, 0.2815,
0.2872

■ 2.4953, 0.1858,
0.1704

■ 282.0594, 0.2834,

■ 0.8743, 0.1482,

0.2896

0.1285

336.9021, 0.2851,
0.2918

0.0000, 0.0000,
0.0000

53.0376, 0.2621,
0.2622

53.0376, 0.2621,
0.2622

42.6630, 0.2430,
0.2351

65.0260, 0.2803,
0.2871

33.8254, 0.2238,
0.2064

78.6880, 0.2973,
0.3095

26.4508, 0.2051,
0.1771

94.0880, 0.3129,
0.3293

20.4566, 0.1882,
0.1485

99.5554, 0.3168,
0.3357

15.7508, 0.1739,
0.1223

■ 12.2292, 0.1633,
0.1000

■ 9.7509, 0.1564,
0.0827

■ 9.7198, 0.1563,
0.0825

Harmonies

Analogous

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



53.0376, 0.2409, 0.2713



53.0376, 0.2621, 0.2622



53.0376, 0.2975, 0.2690

Triad

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



53.0376, 0.2621, 0.2622



53.0376, 0.3943, 0.3525



53.0376, 0.2834, 0.3740

Complementary

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



53.0376, 0.2621, 0.2622



80.1014, 0.3626, 0.3879

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.



53.0376, 0.3236, 0.3993



53.0376, 0.2621, 0.2622



53.0376, 0.3889, 0.3828

Square

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



53.0376, 0.2621, 0.2622



53.0376, 0.3759, 0.3190



53.0376, 0.3625, 0.4014



53.0376, 0.2525, 0.3347

Rectangle

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



53.0376, 0.2621, 0.2622



53.0376, 0.3255, 0.2813



53.0376, 0.3625, 0.4014



53.0376, 0.2963, 0.3847

Sweetspot

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



53.0397, 0.2621, 0.2622



85.1510, 0.2987, 0.3112



81.8619, 0.2783, 0.3484



17.7426, 0.2963, 0.3081



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.



53.0397, 0.2621, 0.2622



49.4624, 0.2503, 0.2456



48.4578, 0.2740, 0.2448



17.2924, 0.2979, 0.3102



5.4266, 0.1569, 0.0849



0.6562, 0.1628, 0.1062

Inverse Universe

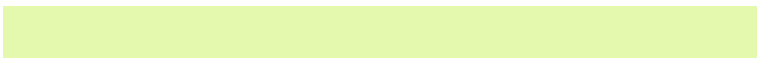
The Inverse Universe completely reimagines the original color for something new.



53.9673, 0.3643, 0.3109



51.0017, 0.3796, 0.3070



86.7021, 0.3442, 0.4073



17.2908, 0.3258, 0.3236



10.9587, 0.5992, 0.3075



1.0305, 0.5666, 0.2895

Previews

White Background



This preview shows how the Yxy color 53.0376, 0.2621, 0.2622 looks on a white background.

Color Contrast Check

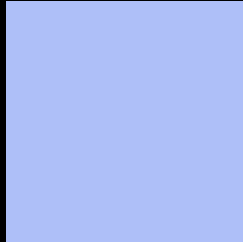
Large Text (above 18pt) WCAG AA × Fail

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 53.0376, 0.2621, 0.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

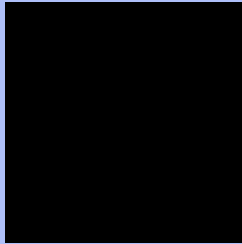
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0376, 0.2621, 0.2622

Background



This preview shows how black text looks on a background with the Yxy color 53.0376, 0.2621, 0.2622.



This preview shows how white text looks on a background with the Yxy color 53.0376, 0.2621, 0.2622.

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

53.0376, 0.2621, 0.2622

Protanopia

52.8894, 0.2645, 0.2623

Deuteranopia

52.9963, 0.2665, 0.2606



Tritanopia

52.9521, 0.2794, 0.3087

Trichromacy



Original Color

53.0376, 0.2621, 0.2622

Protanomaly

52.7724, 0.2639, 0.2622

Deuteranomaly

53.0692, 0.2646, 0.2614

Tritanomaly

53.0672, 0.2731, 0.2908

Monochromacy



Original Color

53.0376, 0.2621, 0.2622

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7670, 0.2928, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0376, 0.2621, 0.2622 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(174, 191, 248)` looks like.

```
.text, #text, p{  
    color:rgb(174, 191, 248)  
}
```

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(174, 191, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 191, 248) }
```

Border

The CSS property to change the border of an element to Yxy 53.0376, 0.2621, 0.2622 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(174, 191, 248) }
```

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

```
.border{ border-color:rgb(174, 191, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 191, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 191, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 191, 248); box-shadow:4px 4px 4px 4px rgb(174, 191, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0376, 0.2621, 0.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 191, 248) }
```

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

```
.background{ background-color: rgb(174,  
191, 248) }
```

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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