

Converting Colors

$Y_{xy}(22.3633, 0.2724, 0.2309)$

Have a look what the booklet for
Yxy(22.3633, 0.2724, 0.2309)
contains.

Yxy(22.4051, 0.2720, 0.2308)	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(22.4051, 0.2720, 0.2308)

Conversions

Conversions Part 1

Format	Color
Hex	8E77B8
RGB	142, 119, 184
RGB Percent	56%, 47%, 72%
CMY	0.4430, 0.5333, 0.2785
CMYK	0.23, 0.35, 0.00, 0.28
HSL	261°, 31%, 59%
HSV	261°, 35%, 72%
XYZ	26.4046, 22.4051, 48.2661
YIQ	133.2870, -7.1570, 25.0910

Conversions

Conversions Part 2

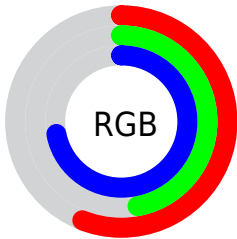
Format	Color
R_{YB}	142, 119, 184
Decimal	9336760
CIE _{Lab}	54.45, 22.57, -31.02
CIE _{LCh}	54, 38.363, 306.035
Yxy	22.4051, 0.2720, 0.2308
Android (android.graphics.Color)	4287526840 (0xFF8E77B8)
YUV	133.2870, 25.0015, 7.6413
Hunter-Lab	47.3340, 16.7392, -27.3237

Details

The Yxy color $22.4051, 0.2720, 0.2308$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $43.1741, 0.3438, 0.4222$, and the grayscale version is $23.4758, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.2874, 0.2816, 0.2497$, and $8.1927, 0.2550, 0.1989$ is the 20% darker color. If you saturate the color by 10%, you get $17.4472, 0.2572, 0.1995$, and if you desaturate by 10%, it is $28.3243, 0.2855, 0.2612$.

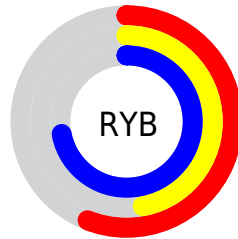
Distribution



Red (56%)

Green (47%)

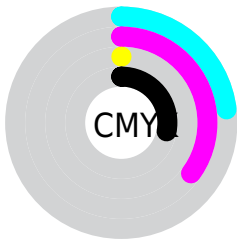
Blue (72%)



Red (56%)

Yellow (47%)

Blue (72%)

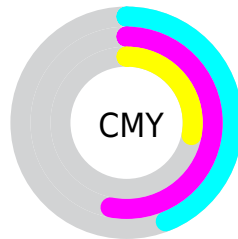


Cyan (23%)

Magenta (35%)

Yellow (0%)

Black (28%)



Cyan (44%)

Magenta (53%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.4051, 0.2720, 0.2308 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 22.4051, 0.2720, 0.2308 by changing the saturation by 10% instead.

■ 22.4051, 0.2720,
0.2308

■ 22.4051, 0.2720,
0.2308

264.6546, 0.2953,
0.2821

■ 14.1549, 0.2652,
0.2175

■ 47.4146, 0.2812,
0.2499

■ 8.2285, 0.2558,
0.2001

■ 64.9427, 0.2844,
0.2569

■ 4.2415, 0.2422,
0.1769

■ 86.3322, 0.2871,
0.2628

■ 1.8095, 0.2213,
0.1446

111.9675, 0.2893,
0.2679

■ 0.4931, 0.1881,
0.0898

142.2330, 0.2911,
0.2722

■ 0.0000, 0.0000,
0.0000

177.5131, 0.2927,

0.2759

218.1921, 0.2941,
0.2792

■ 22.4051, 0.2720,
0.2308

■ 22.4051, 0.2720,
0.2308

■ 17.4472, 0.2572,
0.1995

■ 28.3243, 0.2855,
0.2612

■ 13.3955, 0.2414,
0.1685

■ 35.2507, 0.2974,
0.2897

■ 10.1929, 0.2252,
0.1395

■ 43.2303, 0.3078,
0.3160

■ 7.7747, 0.2095,
0.1141

■ 52.3055, 0.3167,
0.3398

■ 6.0665, 0.1950,
0.0941

■ 62.5162, 0.3243,
0.3612

■ 4.9771, 0.1826,
0.0803

■ 73.9006, 0.3307,
0.3801

■ 4.5902, 0.1775,
0.0752

■ 86.4947, 0.3362,
0.3969

■ 92.9923, 0.3428,
0.4018

■ 95.1055, 0.3509,
0.3999

Harmonies

Analogous

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



22.4051, 0.2217, 0.2242



22.4051, 0.2720, 0.2308



22.4051, 0.3397, 0.2575

Triad

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



22.4051, 0.2720, 0.2308



22.4051, 0.4424, 0.4006



22.4051, 0.2240, 0.3526

Complementary

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



22.4051, 0.2720, 0.2308



43.1741, 0.3438, 0.4222

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.



22.4051, 0.2765, 0.4203



22.4051, 0.2720, 0.2308



22.4051, 0.4032, 0.4416

Square

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



22.4051, 0.2720, 0.2308



22.4051, 0.4449, 0.3496



22.4051, 0.3422, 0.4538



22.4051, 0.1964, 0.2854

Rectangle

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



22.4051, 0.2720, 0.2308



22.4051, 0.3857, 0.2842



22.4051, 0.3422, 0.4538



22.4051, 0.2391, 0.3769

Sweetspot

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



22.4060, 0.2720, 0.2308



69.6664, 0.3019, 0.3009



32.9528, 0.2589, 0.2938



14.6090, 0.3005, 0.2973



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



22.4060, 0.2720, 0.2308



33.8259, 0.2612, 0.2077



25.6779, 0.3061, 0.2400



8.8702, 0.3038, 0.3058



3.2008, 0.1787, 0.0758



0.1482, 0.2097, 0.0929

Inverse Universe

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



25.9520, 0.3425, 0.2711



41.3063, 0.3510, 0.2591



40.2496, 0.3156, 0.4310



9.1072, 0.3190, 0.3143



7.9515, 0.4338, 0.2163



0.2916, 0.3978, 0.1965

Previews

White Background



This preview shows how the Yxy color 22.4051, 0.2720, 0.2308 looks on a white background.

Color Contrast Check

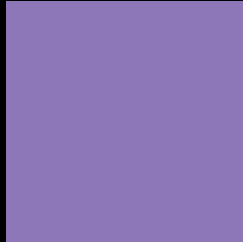
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4051, 0.2720, 0.2308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

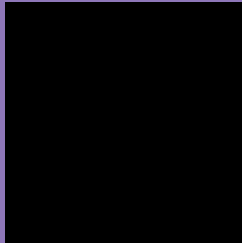
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.4051, 0.2720, 0.2308

Background



This preview shows how black text looks on a background with the Yxy color 22.4051, 0.2720, 0.2308.



This preview shows how white text looks on a background with the Yxy color 22.4051, 0.2720, 0.2308.

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

22.4051, 0.2720, 0.2308

Protanopia

22.4511, 0.2384, 0.2285

Deuteranopia

22.5886, 0.2482, 0.2427



Tritanopia

22.3417, 0.3089, 0.3117

Trichromacy



Original Color

22.4051, 0.2720, 0.2308

Protanomaly

22.3630, 0.2498, 0.2299

Deuteranomaly

22.3712, 0.2563, 0.2370

Tritanomaly

22.3522, 0.2946, 0.2794

Monochromacy



Original Color

22.4051, 0.2720, 0.2308

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.9396, 0.2966, 0.2890

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4051, 0.2720, 0.2308 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(142, 119, 184)` looks like.

```
.text, #text, p{  
    color:rgb(142, 119, 184)  
}
```

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(142, 119, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 119, 184) }
```

Border

The CSS property to change the border of an element to Yxy 22.4051, 0.2720, 0.2308 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(142, 119, 184) }
```

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

```
.border{ border-color:rgb(142, 119, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 119, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 119, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 119, 184);  
box-shadow:4px 4px 4px 4px rgb(142, 119,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4051, 0.2720, 0.2308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 119, 184) }
```

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

```
.background{ background-color: rgb(142,  
119, 184) }
```

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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