

Converting Colors

$Y_{xy}(22.6822, 0.3575, 0.3370)$

Have a look what the booklet for
Yxy(22.6822, 0.3575, 0.3370)
contains.

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Color

Yxy(22.7158, 0.3572, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	9B7C77
RGB	155, 124, 119
RGB Percent	61%, 49%, 47%
CMY	0.3921, 0.5137, 0.5333
CMYK	0.00, 0.20, 0.23, 0.39
HSL	8°, 15%, 54%
HSV	8°, 23%, 61%
XYZ	24.0560, 22.7158, 20.5742
YIQ	132.6990, 20.0810, 5.0170

Conversions

Conversions Part 2

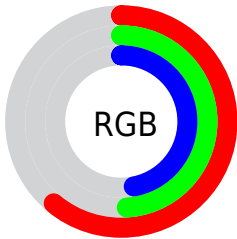
Format	Color
R_{YB}	155, 125, 119
Decimal	10189943
CIE _{Lab}	54.78, 11.20, 7.26
CIE _{LCh}	55, 13.346, 32.978
Yxy	22.7158, 0.3572, 0.3373
Android (android.graphics.Color)	4288380023 (0xFF9B7C77)
YUV	132.6990, -6.7536, 19.5580
Hunter-Lab	47.6611, 6.6874, 7.7686

Details

The Yxy color $22.7158, 0.3572, 0.3373$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $28.1076, 0.2787, 0.3205$, and the grayscale version is $23.3608, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.0862, 0.3474, 0.3364$, and $8.3707, 0.3743, 0.3388$ is the 20% darker color. If you saturate the color by 10%, you get $19.2509, 0.3834, 0.3411$, and if you desaturate by 10%, it is $26.6967, 0.3355, 0.3336$.

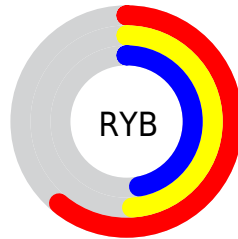
Distribution



Red (61%)

Green (49%)

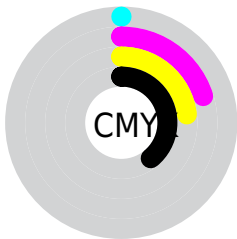
Blue (47%)



Red (61%)

Yellow (49%)

Blue (47%)

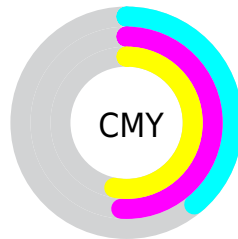


Cyan (0%)

Magenta (20%)

Yellow (23%)

Black (39%)



Cyan (39%)


Magenta (51%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.7158, 0.3572, 0.3373 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 22.7158, 0.3572, 0.3373 by changing the saturation by 10% instead.


 22.7158, 0.3572,
0.3373


 22.7158, 0.3572,
0.3373


266.2619, 0.3321,
0.3330

 14.3838, 0.3646,
0.3384


 47.9262, 0.3473,
0.3357

 8.3881, 0.3750,
0.3397


 65.5735, 0.3438,
0.3351

 4.3443, 0.3906,
0.3414

 87.0946, 0.3410,
0.3347

 1.8679, 0.4162,
0.3434

112.8739, 0.3386,
0.3342

 0.5290, 0.5652,
0.3852

143.2960, 0.3366,
0.3339

 0.0000, 0.0000,
0.0000

178.7450, 0.3349,

0.3336

219.6056, 0.3334,
0.3333

■ 22.7158, 0.3572,
0.3373

■ 22.7158, 0.3572,
0.3373

■ 19.2509, 0.3834,
0.3411

■ 26.6967, 0.3355,
0.3336

■ 16.2779, 0.4148,
0.3448

■ 31.2104, 0.3177,
0.3301

■ 13.7754, 0.4515,
0.3480

■ 36.2766, 0.3031,
0.3268

■ 11.7190, 0.4925,
0.3501

■ 41.9132, 0.2910,
0.3239

■ 10.0824, 0.5355,
0.3505

■ 48.1371, 0.2811,
0.3212

■ 8.8363, 0.5759,
0.3486

■ 54.9649, 0.2727,
0.3188

■ 7.9476, 0.6085,
0.3441

■ 62.4120, 0.2658,
0.3166

■ 7.5227, 0.6258,
0.3413

■ 70.4938, 0.2599,
0.3146

■ 78.9960, 0.2564,
0.3167

Harmonies

Analogous

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



22.7158, 0.3429, 0.3174



22.7158, 0.3572, 0.3373



22.7158, 0.3590, 0.3560

Triad

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



22.7158, 0.3572, 0.3373



22.7158, 0.3037, 0.3600



22.7158, 0.2780, 0.2904

Complementary

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



22.7158, 0.3572, 0.3373



28.1076, 0.2787, 0.3205

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.



22.7158, 0.2684, 0.2999



22.7158, 0.3572, 0.3373



22.7158, 0.2829, 0.3403

Square

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



22.7158, 0.3572, 0.3373



22.7158, 0.3275, 0.3704



22.7158, 0.2702, 0.3180



22.7158, 0.2968, 0.2910

Rectangle

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



22.7158, 0.3572, 0.3373



22.7158, 0.3528, 0.3653



22.7158, 0.2702, 0.3180



22.7158, 0.2736, 0.2925

Sweetspot

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



22.7168, 0.3572, 0.3373



52.6081, 0.3243, 0.3314



22.3748, 0.3208, 0.2800



11.8092, 0.3252, 0.3316



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



22.7168, 0.3572, 0.3373



37.2620, 0.3706, 0.3393



27.5897, 0.3510, 0.3656



6.3539, 0.3280, 0.3321



6.0777, 0.6247, 0.3421



0.1220, 0.5716, 0.3843

Inverse Universe

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



28.1076, 0.2787, 0.3205



48.6833, 0.2713, 0.3184



22.8495, 0.2763, 0.2895



6.8806, 0.2989, 0.3258



15.5315, 0.2127, 0.2855



0.2674, 0.2185, 0.3067

Previews

White Background



This preview shows how the Yxy color 22.7158, 0.3572, 0.3373 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 22.7158, 0.3572, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

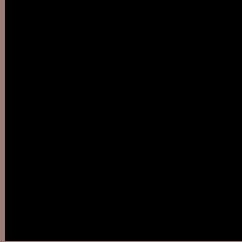
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.7158, 0.3572, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 22.7158, 0.3572, 0.3373.



This preview shows how white text looks on a background with the Yxy color 22.7158, 0.3572, 0.3373.

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

22.7158, 0.3572, 0.3373

Protanopia

22.8969, 0.3273, 0.3430

Deuteranopia

22.9002, 0.3487, 0.3425



Tritanopia

22.6529, 0.3431, 0.3130

Trichromacy



Original Color

22.7158, 0.3572, 0.3373

Protanomaly

22.6831, 0.3375, 0.3393

Deuteranomaly

22.8329, 0.3515, 0.3408

Tritanomaly

22.7661, 0.3490, 0.3226

Monochromacy



Original Color

22.7158, 0.3572, 0.3373

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.1865, 0.3278, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.7158, 0.3572, 0.3373 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(155, 124, 119)` looks like.

```
.text, #text, p{  
    color:rgb(155, 124, 119)  
}
```

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(155, 124, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 124, 119) }
```

Border

The CSS property to change the border of an element to Yxy 22.7158, 0.3572, 0.3373 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(155, 124, 119) }
```

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

```
.border{ border-color:rgb(155, 124, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 124, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 124, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 124, 119);  
box-shadow:4px 4px 4px 4px rgb(155, 124,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 22.7158, 0.3572, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 124, 119) }
```

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

```
.background{ background-color: rgb(155,  
124, 119) }
```

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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