

Converting Colors

$Y_{xy}(22.8114, 0.3679, 0.3220)$

Have a look what the booklet for
Yxy(22.8114, 0.3679, 0.3220)
contains.

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Color

Yxy(22.8644, 0.3679, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	A7777C
RGB	167, 119, 124
RGB Percent	65%, 47%, 49%
CMY	0.3451, 0.5333, 0.5137
CMYK	0.00, 0.29, 0.26, 0.35
HSL	354°, 21%, 56%
HSV	354°, 29%, 65%
XYZ	26.1724, 22.8644, 22.1032
YIQ	133.9220, 27.0030, 11.7310

Conversions

Conversions Part 2

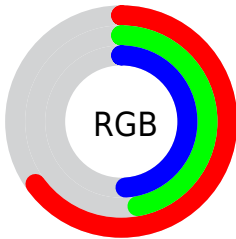
Format	Color
R_{YB}	167, 119, 124
Decimal	10975100
CIE _{Lab}	54.93, 19.55, 4.75
CIE _{LCh}	55, 20.118, 13.671
Yxy	22.8644, 0.3679, 0.3214
Android (android.graphics.Color)	4289165180 (0xFFA7777C)
YUV	133.9220, -4.8915, 29.0094
Hunter-Lab	47.8167, 14.0224, 6.0650

Details

The Yxy color $22.8644, 0.3679, 0.3214$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $34.1708, 0.2756, 0.3369$, and the grayscale version is $23.8216, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.3276, 0.3559, 0.3244$, and $8.4657, 0.3908, 0.3182$ is the 20% darker color. If you saturate the color by 10%, you get $18.8832, 0.3963, 0.3187$, and if you desaturate by 10%, it is $27.6037, 0.3448, 0.3242$.

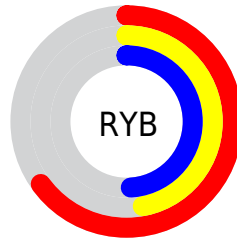
Distribution



Red (65%)

Green (47%)

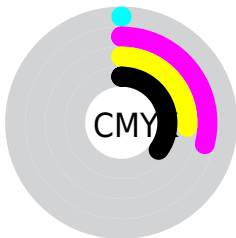
Blue (49%)



Red (65%)

Yellow (47%)

Blue (49%)

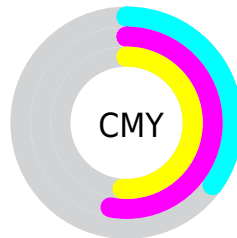


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (35%)



Cyan (35%)

Magenta (53%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.8644, 0.3679, 0.3214 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 22.8644, 0.3679, 0.3214 by changing the saturation by 10% instead.


 22.8644, 0.3679,
0.3214


 22.8644, 0.3679,
0.3214


267.0278, 0.3369,
0.3261


 14.4934, 0.3771,
0.3199


 48.1706, 0.3556,
0.3233

 8.4646, 0.3898,
0.3176


 65.8746, 0.3514,
0.3240

 4.3937, 0.4089,
0.3139

 87.4583, 0.3478,
0.3245

 1.8961, 0.4401,
0.3072

113.3063, 0.3449,
0.3249

 0.5460, 0.5545,
0.3010

143.8028, 0.3424,
0.3253

 0.0000, 0.0000,
0.0000

179.3323, 0.3403,

0.3256

220.2791, 0.3385,
0.3258

■ 22.8644, 0.3679,
0.3214

■ 22.8644, 0.3679,
0.3214

■ 18.8832, 0.3963,
0.3187

■ 27.6037, 0.3448,
0.3242

■ 15.6177, 0.4305,
0.3163

■ 33.1342, 0.3261,
0.3268

■ 13.0263, 0.4703,
0.3146


■ 39.4908, 0.3110,
0.3293


■ 11.0620, 0.5140,
0.3141


■ 46.7057, 0.2988,
0.3316


■ 9.6712, 0.5578,
0.3153


■ 54.8090, 0.2889,
0.3337


 8.7920, 0.5961,
0.3184

 63.8296, 0.2809,
0.3355

 8.3097, 0.6239,
0.3224

 73.7950, 0.2743,
0.3372

 8.2580, 0.6268,
0.3226

 84.7315, 0.2688,
0.3388

 86.9562, 0.2638,
0.3289

Harmonies

Analogous

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



22.8644, 0.3370, 0.2951



22.8644, 0.3679, 0.3214



22.8644, 0.3833, 0.3507

Triad

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



22.8644, 0.3679, 0.3214



22.8644, 0.3215, 0.3889



22.8644, 0.2504, 0.2786

Complementary

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



22.8644, 0.3679, 0.3214



34.1708, 0.2756, 0.3369

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.



22.8644, 0.2470, 0.3008



22.8644, 0.3679, 0.3214



22.8644, 0.2867, 0.3668

Square

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



22.8644, 0.3679, 0.3214



22.8644, 0.3553, 0.3918



22.8644, 0.2598, 0.3333



22.8644, 0.2695, 0.2707

Rectangle

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



22.8644, 0.3679, 0.3214



22.8644, 0.3822, 0.3689



22.8644, 0.2598, 0.3333



22.8644, 0.2474, 0.2845

Sweetspot

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



22.8655, 0.3679, 0.3214



58.8925, 0.3268, 0.3267



23.6035, 0.3096, 0.2577



12.8490, 0.3292, 0.3263



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



22.8655, 0.3679, 0.3214



36.6006, 0.3839, 0.3198



27.5544, 0.3666, 0.3574



7.5545, 0.3270, 0.3267



6.3222, 0.6252, 0.3218



0.1576, 0.5698, 0.2912

Inverse Universe

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



22.8655, 0.3679, 0.3214



36.6006, 0.3839, 0.3198



28.0823, 0.2688, 0.2987



7.5545, 0.3270, 0.3267



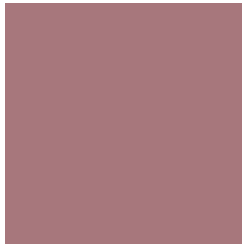
6.3222, 0.6252, 0.3218



0.1576, 0.5698, 0.2912

Previews

White Background



This preview shows how the Yxy color 22.8644, 0.3679, 0.3214 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 22.8644, 0.3679, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

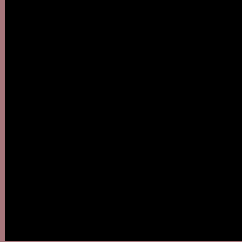
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.8644, 0.3679, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 22.8644, 0.3679, 0.3214.



This preview shows how white text looks on a background with the Yxy color 22.8644, 0.3679, 0.3214.

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

22.8644, 0.3679, 0.3214

Protanopia

22.9396, 0.3162, 0.3290

Deuteranopia

22.8798, 0.3439, 0.3375



Tritanopia

22.7047, 0.3644, 0.3152

Trichromacy



Original Color

22.8644, 0.3679, 0.3214

Protanomaly

22.8482, 0.3344, 0.3274

Deuteranomaly

22.8139, 0.3523, 0.3308

Tritanomaly

22.6787, 0.3657, 0.3168

Monochromacy



Original Color

22.8644, 0.3679, 0.3214

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.4232, 0.3317, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8644, 0.3679, 0.3214 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(167, 119, 124)` looks like.

```
.text, #text, p{  
    color:rgb(167, 119, 124)  
}
```

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(167, 119, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 119, 124) }
```

Border

The CSS property to change the border of an element to Yxy 22.8644, 0.3679, 0.3214 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(167, 119, 124) }
```

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

```
.border{ border-color:rgb(167, 119, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 119, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 119, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 119, 124);  
box-shadow:4px 4px 4px 4px rgb(167, 119,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8644, 0.3679, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 119, 124) }
```

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

```
.background{ background-color: rgb(167,  
119, 124) }
```

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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