

Converting Colors

$Y_{xy}(20.3721, 0.3249, 0.3110)$

Have a look what the booklet for
Yxy(20.3721, 0.3249, 0.3110)
contains.

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Color

Yxy(20.2943, 0.3249, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	8B7782
RGB	139, 119, 130
RGB Percent	55%, 47%, 51%
CMY	0.4548, 0.5334, 0.4902
CMYK	0.00, 0.14, 0.06, 0.45
HSL	327°, 8%, 51%
HSV	327°, 14%, 55%
XYZ	21.2766, 20.2943, 23.9157
YIQ	126.2340, 8.3890, 7.6610

Conversions

Conversions Part 2

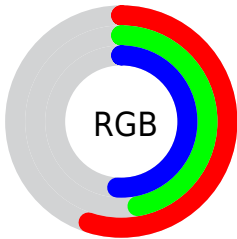
Format	Color
R_{YB}	139, 119, 130
Decimal	9140098
CIE _{Lab}	52.17, 9.76, -3.14
CIE _{LCh}	52, 10.256, 342.173
Yxy	20.2943, 0.3249, 0.3099
Android (android.graphics.Color)	4287330178 (0xFF8B7782)
YUV	126.2340, 1.8566, 11.1958
Hunter-Lab	45.0492, 5.4689, 0.0586

Details

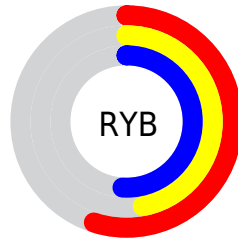
The Yxy color $20.2943, 0.3249, 0.3099$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $23.9528, 0.3021, 0.3489$, and the grayscale version is $20.9404, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.8822, 0.3224, 0.3137$, and $7.2244, 0.3295, 0.3029$ is the 20% darker color. If you saturate the color by 10%, you get $17.0617, 0.3354, 0.2959$, and if you desaturate by 10%, it is $24.0230, 0.3161, 0.3233$.

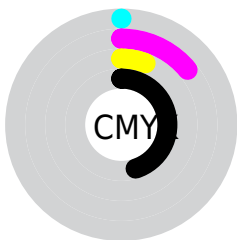
Distribution



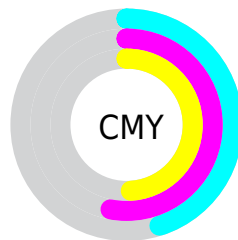
- Red (55%)
- Green (47%)
- Blue (51%)



- Red (55%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (45%)




- Cyan (45%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.2943, 0.3249, 0.3099 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 20.2943, 0.3249, 0.3099 by changing the saturation by 10% instead.


 20.2943, 0.3249,
0.3099


 20.2943, 0.3249,
0.3099


253.5039, 0.3180,
0.3206


 12.6092, 0.3269,
0.3067


 43.9101, 0.3222,
0.3141

 7.1600, 0.3298,
0.3023


 60.6094, 0.3212,
0.3156

 3.5623, 0.3341,
0.2957

 81.0824, 0.3205,
0.3168

 1.4319, 0.3413,
0.2847

105.7132, 0.3198,
0.3179

 0.2400, 0.3929,
0.2022

134.8864, 0.3193,
0.3187

 0.0000, 0.0000,
0.0000

168.9863, 0.3188,

0.3194

208.3974, 0.3184,
0.3201

■ 20.2943, 0.3249,
0.3099

■ 20.2943, 0.3249,
0.3099

■ 17.0617, 0.3354,
0.2959

■ 24.0230, 0.3161,
0.3233

■ 14.3014, 0.3477,
0.2818

■ 28.2650, 0.3088,
0.3360

■ 11.9916, 0.3621,
0.2679

■ 33.0398, 0.3027,
0.3478

■ 10.1079, 0.3786,
0.2551

■ 38.3654, 0.2976,
0.3587

■ 8.6233, 0.3970,
0.2444

■ 44.2586, 0.2933,
0.3688

■ 7.5079, 0.4170,
0.2368

■ 50.7356, 0.2898,
0.3780

■ 6.7273, 0.4379,
0.2334

■ 57.8121, 0.2869,
0.3865

■ 6.2377, 0.4587,
0.2349

■ 65.5030, 0.2844,
0.3943

■ 6.0186, 0.4707,
0.2367

■ 73.8229, 0.2824,
0.4014

Harmonies

Analogous

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



20.2943, 0.3057, 0.3000



20.2943, 0.3249, 0.3099



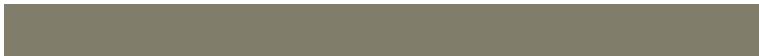
20.2943, 0.3412, 0.3246

Triad

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



20.2943, 0.3249, 0.3099



20.2943, 0.3365, 0.3619



20.2943, 0.2771, 0.3154

Complementary

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



20.2943, 0.3249, 0.3099



23.9528, 0.3021, 0.3489

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.



20.2943, 0.2849, 0.3326



20.2943, 0.3249, 0.3099



20.2943, 0.3189, 0.3602

Square

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



20.2943, 0.3249, 0.3099



20.2943, 0.3479, 0.3545



20.2943, 0.3000, 0.3493



20.2943, 0.2786, 0.3027

Rectangle

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



20.2943, 0.3249, 0.3099



20.2943, 0.3479, 0.3354



20.2943, 0.3000, 0.3493



20.2943, 0.2787, 0.3209

Sweetspot

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



20.2952, 0.3249, 0.3099



43.2336, 0.3159, 0.3237



19.6469, 0.3010, 0.2934



9.8491, 0.3164, 0.3228



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



20.2952, 0.3249, 0.3099



34.5262, 0.3278, 0.3058



20.0394, 0.3371, 0.3273



5.0916, 0.3201, 0.3170



5.4335, 0.4699, 0.2362



0.0391, 0.3919, 0.1932

Inverse Universe

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



20.2952, 0.3249, 0.3099



34.5262, 0.3278, 0.3058



24.2295, 0.2925, 0.3307



5.0916, 0.3201, 0.3170



5.4335, 0.4699, 0.2362



0.0391, 0.3919, 0.1932

Previews

White Background



This preview shows how the Yxy color 20.2943, 0.3249, 0.3099 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 20.2943, 0.3249, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

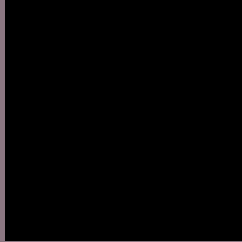
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.2943, 0.3249, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 20.2943, 0.3249, 0.3099.



This preview shows how white text looks on a background with the Yxy color 20.2943, 0.3249, 0.3099.

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

20.2943, 0.3249, 0.3099

Protanopia

20.3938, 0.3028, 0.3126

Deuteranopia

20.3548, 0.3184, 0.3131



Tritanopia

20.2676, 0.3261, 0.3116

Trichromacy



Original Color

20.2943, 0.3249, 0.3099

Protanomaly

20.2521, 0.3099, 0.3111

Deuteranomaly

20.2789, 0.3210, 0.3115

Tritanomaly

20.2676, 0.3261, 0.3116

Monochromacy



Original Color

20.2943, 0.3249, 0.3099

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.5235, 0.3179, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.2943, 0.3249, 0.3099 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(139, 119, 130)` looks like.

```
.text, #text, p{  
    color:rgb(139, 119, 130)  
}
```

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(139, 119, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 119, 130) }
```

Border

The CSS property to change the border of an element to Yxy 20.2943, 0.3249, 0.3099 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(139, 119, 130) }
```

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

```
.border{ border-color:rgb(139, 119, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 119, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 119, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 119, 130);  
box-shadow:4px 4px 4px 4px rgb(139, 119,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 20.2943, 0.3249, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 119, 130) }
```

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

```
.background{ background-color: rgb(139,  
119, 130) }
```

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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