

Converting Colors

$Y_{xy}(26.9194, 0.3217, 0.3170)$

Have a look what the booklet for
Yxy(26.9194, 0.3217, 0.3170)
contains.

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Color

Yxy(26.9936, 0.3220, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	998A91
RGB	153, 138, 145
RGB Percent	60%, 54%, 57%
CMY	0.4001, 0.4588, 0.4314
CMYK	0.00, 0.10, 0.05, 0.40
HSL	332°, 7%, 57%
HSV	332°, 10%, 60%
XYZ	27.3331, 26.9936, 30.5588
YIQ	143.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

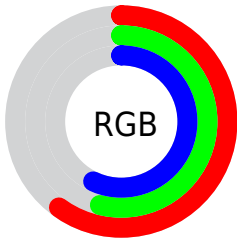
Format	Color
R_{YB}	153, 138, 145
Decimal	10062481
CIE _{Lab}	58.97, 6.89, -1.69
CIE _{LCh}	59, 7.095, 346.227
Yxy	26.9936, 0.3220, 0.3180
Android (android.graphics.Color)	4288252561 (0xFF998A91)
YUV	143.2830, 0.8465, 8.5218
Hunter-Lab	51.9554, 2.9850, 1.4959

Details

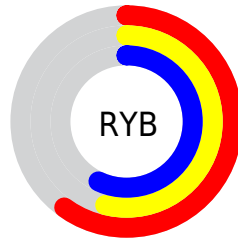
The Yxy color $26.9936, 0.3220, 0.3180$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $30.2544, 0.3043, 0.3403$, and the grayscale version is $27.5814, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.6505, 0.3197, 0.3196$, and $10.6305, 0.3249, 0.3130$ is the 20% darker color. If you saturate the color by 10%, you get $22.6670, 0.3334, 0.3062$, and if you desaturate by 10%, it is $31.9589, 0.3125, 0.3292$.

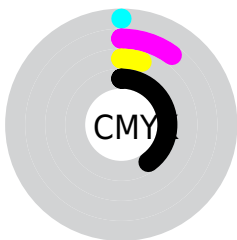
Distribution



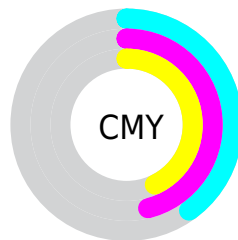
- Red (60%)
- Green (54%)
- Blue (57%)



- Red (60%)
- Yellow (54%)
- Blue (57%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (40%)





- Cyan (40%)
- Magenta (46%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9936, 0.3220, 0.3180 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 26.9936, 0.3220, 0.3180 by changing the saturation by 10% instead.


 26.9936, 0.3220,
0.3180


 26.9936, 0.3220,
0.3180


287.6261, 0.3170,
0.3240


 17.5684, 0.3234,
0.3163


 54.8736, 0.3201,
0.3203

 10.6406, 0.3253,
0.3141


 74.0972, 0.3194,
0.3211

 5.8257, 0.3281,
0.3108


 97.3557, 0.3188,
0.3218

 2.7394, 0.3324,
0.3058

125.0336, 0.3183,
0.3224

 0.9972, 0.3401,
0.2970

157.5152, 0.3179,
0.3229

 0.0000, 1.0000,
0.0000


195.1848, 0.3175,


 0.0000, 0.0000,


0.3233


0.0000


238.4270, 0.3172,
0.3236

 26.9936, 0.3220,
0.3180

 26.9936, 0.3220,
0.3180


 22.6670, 0.3334,
0.3062


 31.9589, 0.3125,
0.3292


 18.9495, 0.3471,
0.2939


 37.5840, 0.3047,
0.3397


 15.8144, 0.3633,
0.2817

 43.8932, 0.2982,
0.3494

 13.2316, 0.3823,
0.2702

 50.9088, 0.2928,
0.3584

 11.1682, 0.4041,
0.2602

 58.6517, 0.2884,
0.3666

■ 9.5881, 0.4283,
0.2529

■ 67.1423, 0.2847,
0.3741

■ 8.4500, 0.4541,
0.2495

■ 76.4000, 0.2816,
0.3809

■ 7.7060, 0.4803,
0.2509

■ 82.9538, 0.2785,
0.3815

■ 7.2406, 0.5060,
0.2563

■ 83.3710, 0.2745,
0.3715

Harmonies

Analogous

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



26.9936, 0.3100, 0.3111



26.9936, 0.3220, 0.3180



26.9936, 0.3316, 0.3277

Triad

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



26.9936, 0.3220, 0.3180



26.9936, 0.3264, 0.3498



26.9936, 0.2899, 0.3194

Complementary

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



26.9936, 0.3220, 0.3180



30.2544, 0.3043, 0.3403

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.



26.9936, 0.2941, 0.3299



26.9936, 0.3220, 0.3180



26.9936, 0.3151, 0.3478

Square

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



26.9936, 0.3220, 0.3180



26.9936, 0.3342, 0.3461



26.9936, 0.3033, 0.3404



26.9936, 0.2917, 0.3117

Rectangle

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



26.9936, 0.3220, 0.3180



26.9936, 0.3353, 0.3347



26.9936, 0.3033, 0.3404



26.9936, 0.2907, 0.3227

Sweetspot

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



26.9948, 0.3220, 0.3180



54.2116, 0.3154, 0.3256



26.5669, 0.3061, 0.3051



11.8170, 0.3161, 0.3248



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.9948, 0.3220, 0.3180



46.3538, 0.3246, 0.3151



26.8573, 0.3293, 0.3294



6.2683, 0.3214, 0.3186



5.9849, 0.5049, 0.2555



0.0967, 0.4138, 0.2053

Inverse Universe

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



26.9948, 0.3220, 0.3180



46.3538, 0.3246, 0.3151



30.3971, 0.2981, 0.3286



6.2683, 0.3214, 0.3186



5.9849, 0.5049, 0.2555



0.0967, 0.4138, 0.2053

Previews

White Background



This preview shows how the Yxy color 26.9936, 0.3220, 0.3180 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 26.9936, 0.3220, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

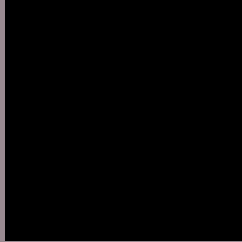
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9936, 0.3220, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 26.9936, 0.3220, 0.3180.



This preview shows how white text looks on a background with the Yxy color 26.9936, 0.3220, 0.3180.

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

26.9936, 0.3220, 0.3180

Protanopia

26.9960, 0.3089, 0.3193

Deuteranopia

27.0913, 0.3231, 0.3180



Tritanopia

26.8017, 0.3190, 0.3117

Trichromacy



Original Color

26.9936, 0.3220, 0.3180

Protanomaly

27.0345, 0.3142, 0.3194

Deuteranomaly

27.0913, 0.3231, 0.3180

Tritanomaly

26.7702, 0.3201, 0.3133

Monochromacy



Original Color

26.9936, 0.3220, 0.3180

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.2664, 0.3162, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9936, 0.3220, 0.3180 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(153, 138, 145)` looks like.

```
.text, #text, p{  
    color:rgb(153, 138, 145)  
}
```

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(153, 138, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 138, 145) }
```

Border

The CSS property to change the border of an element to Yxy 26.9936, 0.3220, 0.3180 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(153, 138, 145) }
```

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

```
.border{ border-color:rgb(153, 138, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 138, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 138, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 138, 145);  
box-shadow:4px 4px 4px 4px rgb(153, 138,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9936, 0.3220, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 138, 145) }
```

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

```
.background{ background-color: rgb(153,  
138, 145) }
```

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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