

Converting Colors

$Y_{xy}(20.2780, 0.3113, 0.2529)$

Have a look what the booklet for
Yxy(20.2780, 0.3113, 0.2529)
contains.

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Color

Yxy(20.2759, 0.3114, 0.2529)

Conversions

Conversions Part 1

Format	Color
Hex	9A6D9E
RGB	154, 109, 158
RGB Percent	60%, 43%, 62%
CMY	0.3960, 0.5725, 0.3805
CMYK	0.03, 0.31, 0.00, 0.38
HSL	295°, 20%, 52%
HSV	295°, 31%, 62%
XYZ	24.9661, 20.2759, 34.9316
YIQ	128.0410, 11.0910, 24.7790

Conversions

Conversions Part 2

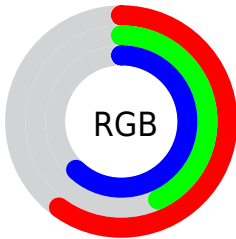
Format	Color
R_{YB}	154, 109, 158
Decimal	10120606
CIE _{Lab}	52.15, 26.47, -19.42
CIE _{LCh}	52, 32.832, 323.740
Yxy	20.2759, 0.3114, 0.2529
Android (android.graphics.Color)	4288310686 (0xFF9A6D9E)
YUV	128.0410, 14.7698, 22.7660
Hunter-Lab	45.0288, 20.1684, -14.4748

Details

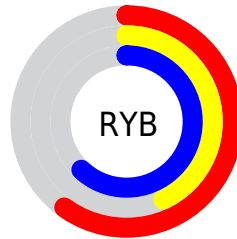
The Yxy color $20.2759, 0.3114, 0.2529$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $29.0557, 0.3123, 0.4164$, and the grayscale version is $21.5468, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.8491, 0.3120, 0.2680$, and $7.0971, 0.3099, 0.2268$ is the 20% darker color. If you saturate the color by 10%, you get $17.0791, 0.3105, 0.2287$, and if you desaturate by 10%, it is $24.0815, 0.3120, 0.2778$.

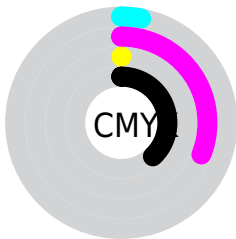
Distribution



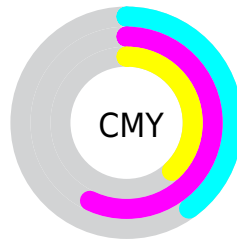
- Red (60%)
- Green (43%)
- Blue (62%)



- Red (60%)
- Yellow (43%)
- Blue (62%)



- Cyan (3%)
- Magenta (31%)
- Yellow (0%)
- Black (38%)





- Cyan (40%)
- Magenta (57%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.2759, 0.3114, 0.2529 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 20.2759, 0.3114, 0.2529 by changing the saturation by 10% instead.


 20.2759, 0.3114,
0.2529


 20.2759, 0.3114,
0.2529


253.4048, 0.3130,
0.2938


 12.5958, 0.3105,
0.2417


 43.8793, 0.3123,
0.2684

 7.1508, 0.3091,
0.2269


 60.5713, 0.3125,
0.2741

 3.5566, 0.3065,
0.2060

 81.0360, 0.3127,
0.2787

 1.4287, 0.3011,
0.1752

 105.6579, 0.3128,
0.2827

 0.2378, 0.3025,
0.0824

134.8214, 0.3129,
0.2861

 0.0000, 0.0000,
0.0000

168.9107, 0.3130,

0.2890

208.3104, 0.3130,
0.2915

■ 20.2759, 0.3114,
0.2529

■ 20.2759, 0.3114,
0.2529

■ 17.0791, 0.3105,
0.2287

■ 24.0815, 0.3120,
0.2778

■ 14.4561, 0.3094,
0.2061

■ 28.5233, 0.3125,
0.3026

■ 12.3721, 0.3080,
0.1861


■ 33.6302, 0.3127,
0.3267


■ 10.7878, 0.3064,
0.1694


■ 39.4286, 0.3128,
0.3496


■ 9.6584, 0.3046,
0.1567

■ 45.9434, 0.3127,
0.3710

 8.9309, 0.3027,
0.1482

 53.1984, 0.3126,
0.3909

 8.5057, 0.3009,
0.1431

 61.2161, 0.3124,
0.4091

 70.0182, 0.3121,
0.4256

 79.6254, 0.3118,
0.4406

Harmonies

Analogous

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



20.2759, 0.2558, 0.2358



20.2759, 0.3114, 0.2529



20.2759, 0.3730, 0.2861

Triad

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



20.2759, 0.3114, 0.2529



20.2759, 0.4114, 0.4174



20.2759, 0.2158, 0.3138

Complementary

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



20.2759, 0.3114, 0.2529



29.0557, 0.3123, 0.4164

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.



20.2759, 0.2510, 0.3760



20.2759, 0.3114, 0.2529



20.2759, 0.3636, 0.4392

Square

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



20.2759, 0.3114, 0.2529



20.2759, 0.4333, 0.3762



20.2759, 0.3048, 0.4257



20.2759, 0.2050, 0.2647

Rectangle

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



20.2759, 0.3114, 0.2529



20.2759, 0.4071, 0.3144



20.2759, 0.3048, 0.4257



20.2759, 0.2249, 0.3340

Sweetspot

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



20.2768, 0.3114, 0.2529



53.4185, 0.3125, 0.3070



17.5480, 0.2602, 0.2482



11.7685, 0.3125, 0.3037



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



20.2768, 0.3114, 0.2529



32.8128, 0.3108, 0.2365



20.0265, 0.3415, 0.2836



6.7273, 0.3125, 0.3069



6.8231, 0.3011, 0.1432



0.1292, 0.3096, 0.1479

Inverse Universe

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



19.3954, 0.3750, 0.3227



30.9858, 0.3948, 0.3213



29.2906, 0.2917, 0.3795



6.6544, 0.3272, 0.3272



5.8472, 0.6286, 0.3236



0.1068, 0.5787, 0.2962

Previews

White Background



This preview shows how the Yxy color 20.2759, 0.3114, 0.2529 looks on a white background.

Color Contrast Check

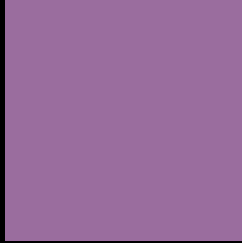
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.2759, 0.3114, 0.2529 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 20.2759, 0.3114, 0.2529

Background



This preview shows how black text looks on a background with the Yxy color 20.2759, 0.3114, 0.2529.



This preview shows how white text looks on a background with the Yxy color 20.2759, 0.3114, 0.2529.

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

20.2759, 0.3114, 0.2529

Protanopia

20.4378, 0.2567, 0.2518

Deuteranopia

20.3506, 0.2770, 0.2715



Tritanopia

20.3356, 0.3458, 0.3156

Trichromacy



Original Color

20.2759, 0.3114, 0.2529

Protanomaly

20.1492, 0.2744, 0.2521

Deuteranomaly

20.1094, 0.2887, 0.2635

Tritanomaly

20.1671, 0.3338, 0.2912

Monochromacy



Original Color

20.2759, 0.3114, 0.2529

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.8572, 0.3117, 0.2981

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.2759, 0.3114, 0.2529 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(154, 109, 158)` looks like.

```
.text, #text, p{  
    color:rgb(154, 109, 158)  
}
```

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(154, 109, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 109, 158) }
```

Border

The CSS property to change the border of an element to Yxy 20.2759, 0.3114, 0.2529 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(154, 109, 158) }
```

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

```
.border{ border-color:rgb(154, 109, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 109, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 109, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 109, 158);  
box-shadow:4px 4px 4px 4px rgb(154, 109,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 20.2759, 0.3114, 0.2529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 109, 158) }
```

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

```
.background{ background-color: rgb(154,  
109, 158) }
```

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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