

Converting Colors

$Y_{xy}(25.9532, 0.2595, 0.2804)$

Have a look what the booklet for
Yxy(25.9532, 0.2595, 0.2804)
contains.

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Color

$Y_{xy}(25.9020, 0.2595, 0.2794)$

Conversions

Conversions Part 1

Format	Color
Hex	728EAC
RGB	114, 142, 172
RGB Percent	45%, 56%, 67%
CMY	0.5529, 0.4431, 0.3256
CMYK	0.34, 0.17, 0.00, 0.33
HSL	211°, 26%, 56%
HSV	211°, 34%, 67%
XYZ	24.0572, 25.9020, 42.7466
YIQ	137.0480, -26.3180, 3.3940

Conversions

Conversions Part 2

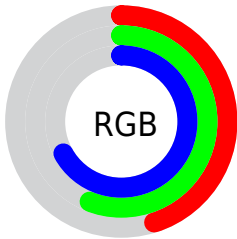
Format	Color
R_{YB}	114, 133, 172
Decimal	7507628
CIE _{Lab}	57.94, -2.44, -18.96
CIE _{LCh}	58, 19.113, 262.655
Yxy	25.9020, 0.2595, 0.2794
Android (android.graphics.Color)	4285697708 (0xFF728EAC)
YUV	137.0480, 17.2313, -20.2131
Hunter-Lab	50.8940, -4.6891, -14.1728

Details

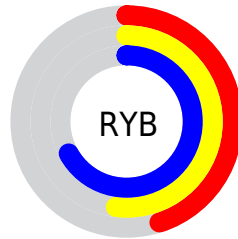
The Yxy color **25.9020, 0.2595, 0.2794** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **29.9214, 0.3749, 0.3738**, and the grayscale version is **24.9771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2414, 0.2705, 0.2907**, and **10.0671, 0.2403, 0.2611** is the 20% darker color. If you saturate the color by 10%, you get **22.3149, 0.2433, 0.2616**, and if you desaturate by 10%, it is **29.9190, 0.2758, 0.2959**.

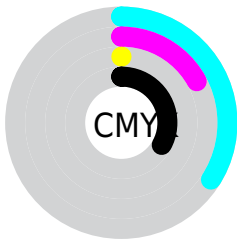
Distribution



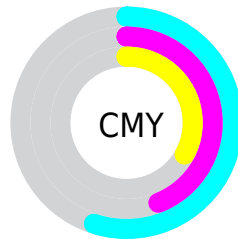
- Red (45%)
- Green (56%)
- Blue (67%)



- Red (45%)
- Yellow (52%)
- Blue (67%)



- Cyan (34%)
- Magenta (17%)
- Yellow (0%)
- Black (33%)



- Cyan (55%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9020, 0.2595, 0.2794 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 25.9020, 0.2595, 0.2794 by changing the saturation by 10% instead.

■ 25.9020, 0.2595,
0.2794

■ 25.9020, 0.2595,
0.2794

■ 282.3007, 0.2882,
0.3064

■ 16.7503, 0.2516,
0.2719

■ 53.1168, 0.2705,
0.2898

■ 10.0567, 0.2410,
0.2618

■ 71.9487, 0.2744,
0.2935

■ 5.4365, 0.2262,
0.2474

■ 94.7762, 0.2777,
0.2966

■ 2.5056, 0.2040,
0.2257

■ 121.9837, 0.2805,
0.2992

■ 0.8794, 0.1676,
0.1899

■ 153.9554, 0.2828,
0.3014

■ 0.0000, 0.0000,
0.0000

191.0759, 0.2849,

0.3033

233.7295, 0.2867,
0.3050

■ 25.9020, 0.2595,
0.2794

■ 25.9020, 0.2595,
0.2794

■ 22.3149, 0.2433,
0.2616

■ 29.9190, 0.2758,
0.2959

■ 19.1377, 0.2277,
0.2427

■ 34.3787, 0.2917,
0.3109

■ 16.3527, 0.2131,
0.2230

■ 39.2974, 0.3072,
0.3244

■ 13.9398, 0.2001,
0.2030

■ 44.6891, 0.3219,
0.3364

■ 11.8763, 0.1891,
0.1833

■ 50.5676, 0.3358,
0.3471

■ 10.1359, 0.1804,
0.1644

■ 56.9457, 0.3488,
0.3565

■ 9.1738, 0.1759,
0.1530

■ 63.8359, 0.3609,
0.3648

■ 71.2502, 0.3721,
0.3720

■ 76.4917, 0.3719,
0.3803

Harmonies

Analogous

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



25.9020, 0.2519, 0.2961



25.9020, 0.2595, 0.2794



25.9020, 0.2809, 0.2759

Triad

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



25.9020, 0.2595, 0.2794



25.9020, 0.3689, 0.3302



25.9020, 0.3111, 0.3790

Complementary

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



25.9020, 0.2595, 0.2794



29.9214, 0.3749, 0.3738

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.



25.9020, 0.3431, 0.3872



25.9020, 0.2595, 0.2794



25.9020, 0.3776, 0.3569

Square

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



25.9020, 0.2595, 0.2794



25.9020, 0.3443, 0.3046



25.9020, 0.3678, 0.3782



25.9020, 0.2806, 0.3548

Rectangle

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



25.9020, 0.2595, 0.2794



25.9020, 0.3008, 0.2808



25.9020, 0.3678, 0.3782



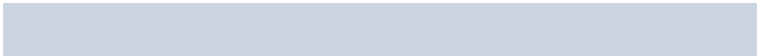
25.9020, 0.3220, 0.3837

Sweetspot

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



25.9030, 0.2595, 0.2794



65.4419, 0.2972, 0.3158



35.0845, 0.2857, 0.3751



13.9641, 0.2951, 0.3139



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



25.9030, 0.2595, 0.2794



42.3635, 0.2481, 0.2671



18.6571, 0.2543, 0.2311



8.3717, 0.2986, 0.3170



6.9382, 0.1764, 0.1548



0.3030, 0.1922, 0.2119

Inverse Universe

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



22.7571, 0.3525, 0.2874



36.3531, 0.3641, 0.2786



39.3679, 0.3615, 0.4116



8.0774, 0.3214, 0.3181



7.0035, 0.4997, 0.2526



0.2059, 0.4320, 0.2154

Previews

White Background



This preview shows how the Yxy color 25.9020, 0.2595, 0.2794 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 25.9020, 0.2595, 0.2794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

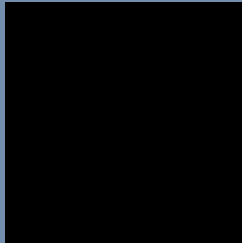
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

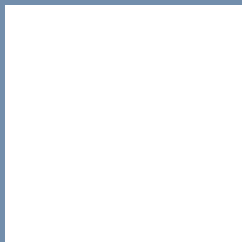
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.9020, 0.2595, 0.2794

Background



This preview shows how black text looks on a background with the Yxy color 25.9020, 0.2595, 0.2794.



This preview shows how white text looks on a background with the Yxy color 25.9020, 0.2595, 0.2794.

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

25.9020, 0.2595, 0.2794

Protanopia

25.9471, 0.2774, 0.2793

Deuteranopia

25.7763, 0.2766, 0.2707



Tritanopia

25.9661, 0.2692, 0.3099

Trichromacy



Original Color

25.9020, 0.2595, 0.2794

Protanomaly

25.7275, 0.2701, 0.2786

Deuteranomaly

25.7061, 0.2693, 0.2727

Tritanomaly

25.9347, 0.2651, 0.2982

Monochromacy



Original Color

25.9020, 0.2595, 0.2794

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.3344, 0.2915, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9020, 0.2595, 0.2794 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(114, 142, 172)` looks like.

```
.text, #text, p{  
    color:rgb(114, 142, 172)  
}
```

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(114, 142, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 142, 172) }
```

Border

The CSS property to change the border of an element to Yxy 25.9020, 0.2595, 0.2794 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(114, 142, 172) }
```

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

```
.border{ border-color:rgb(114, 142, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 142, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 142, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 142, 172);  
box-shadow:4px 4px 4px 4px rgb(114, 142,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9020, 0.2595, 0.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 142, 172) }
```

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

```
.background{ background-color: rgb(114,  
142, 172) }
```

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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