

Converting Colors

$Y_{xy}(11.1017, 0.2758, 0.2208)$

Have a look what the booklet for
Yxy(11.1017, 0.2758, 0.2208)
contains.

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Color

Yxy(11.1208, 0.2755, 0.2203)

Conversions

Conversions Part 1

Format	Color
Hex	6D528A
RGB	109, 82, 138
RGB Percent	43%, 32%, 54%
CMY	0.5727, 0.6784, 0.4589
CMYK	0.21, 0.41, 0.00, 0.46
HSL	269°, 25%, 43%
HSV	269°, 41%, 54%
XYZ	13.9073, 11.1208, 25.4521
YIQ	96.4570, -1.8840, 23.1400

Conversions

Conversions Part 2

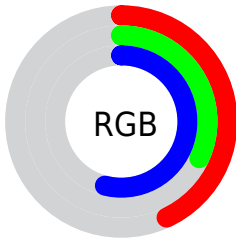
Format	Color
R_{YB}	109, 82, 138
Decimal	7164554
CIE _{Lab}	39.78, 23.03, -27.02
CIE _{LCh}	40, 35.506, 310.437
Yxy	11.1208, 0.2755, 0.2203
Android (android.graphics.Color)	4285354634 (0xFF6D528A)
YUV	96.4570, 20.4807, 11.0002
Hunter-Lab	33.3479, 16.0824, -21.9085

Details

The Yxy color **11.1208, 0.2755, 0.2203** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.1639, 0.3387, 0.4372**, and the grayscale version is **11.7636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9897, 0.2860, 0.2451**, and **2.9270, 0.2540, 0.1747** is the 20% darker color. If you saturate the color by 10%, you get **8.8095, 0.2634, 0.1914**, and if you desaturate by 10%, it is **13.8885, 0.2865, 0.2492**.

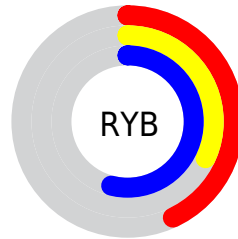
Distribution



Red (43%)

Green (32%)

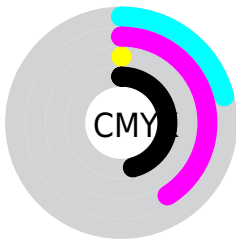
Blue (54%)



Red (43%)

Yellow (32%)

Blue (54%)

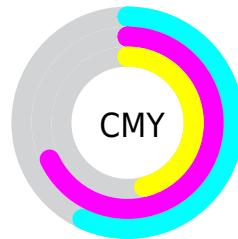


Cyan (21%)

Magenta (41%)

Yellow (0%)

Black (46%)



Cyan (57%)


Magenta (68%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1208, 0.2755, 0.2203 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 11.1208, 0.2755, 0.2203 by changing the saturation by 10% instead.


 11.1208, 0.2755,
0.2203


 11.1208, 0.2755,
0.2203


198.4944, 0.2993,
0.2826


 6.1481, 0.2670,
0.2017


 27.8833, 0.2858,
0.2451


 2.9354, 0.2540,
0.1760

 40.4420, 0.2891,
0.2538


 1.0981, 0.2323,
0.1389

 56.2981, 0.2917,
0.2608

 0.0000, 0.1990,
0.0000

 75.8361, 0.2938,
0.2667

 0.0000, 0.0000,
0.0000

 99.4403, 0.2956,
0.2716

127.4952, 0.2970,

0.2758

160.3851, 0.2982,
0.2795

■ 11.1208, 0.2755,
0.2203

■ 11.1208, 0.2755,
0.2203

■ 8.8095, 0.2634,
0.1914

■ 13.8885, 0.2865,
0.2492

■ 6.9270, 0.2505,
0.1636

■ 17.1352, 0.2964,
0.2771

■ 5.4451, 0.2372,
0.1382

■ 20.8837, 0.3050,
0.3034

■ 4.3311, 0.2242,
0.1168

■ 25.1546, 0.3123,
0.3277

■ 3.5472, 0.2119,
0.1003

■ 29.9678, 0.3186,
0.3499

■ 3.0081, 0.2011,
0.0881

■ 35.3417, 0.3239,
0.3700

■ 41.2941, 0.3284,
0.3881

■ 47.8420, 0.3320,
0.4043

■ 55.0014, 0.3351,
0.4187

Harmonies

Analogous

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



11.1208, 0.2150, 0.2089



11.1208, 0.2755, 0.2203



11.1208, 0.3557, 0.2532

Triad

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



11.1208, 0.2755, 0.2203



11.1208, 0.4576, 0.4166



11.1208, 0.2036, 0.3430

Complementary

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



11.1208, 0.2755, 0.2203



22.1639, 0.3387, 0.4372

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.



11.1208, 0.2592, 0.4275



11.1208, 0.2755, 0.2203



11.1208, 0.4061, 0.4635

Square

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



11.1208, 0.2755, 0.2203



11.1208, 0.4694, 0.3588



11.1208, 0.3334, 0.4745



11.1208, 0.1778, 0.2675

Rectangle

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



11.1208, 0.2755, 0.2203



11.1208, 0.4086, 0.2844



11.1208, 0.3334, 0.4745



11.1208, 0.2191, 0.3722

Sweetspot

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



11.1212, 0.2755, 0.2203



35.6339, 0.3036, 0.2990



15.1884, 0.2505, 0.2748



7.8276, 0.3027, 0.2963



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



11.1212, 0.2755, 0.2203



15.7213, 0.2640, 0.1928



13.1163, 0.3145, 0.2320



5.0027, 0.3061, 0.3069



2.7673, 0.2015, 0.0883



0.0270, 0.2505, 0.1153

Inverse Universe

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



12.5881, 0.3592, 0.2762



18.8010, 0.3751, 0.2642



20.6615, 0.3090, 0.4478



5.0891, 0.3205, 0.3177



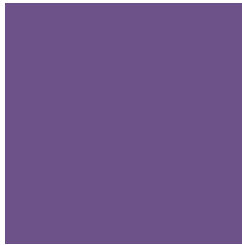
5.3807, 0.4826, 0.2432



0.0387, 0.3990, 0.1972

Previews

White Background



This preview shows how the Yxy color 11.1208, 0.2755, 0.2203 looks on a white 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

Black Background



This preview shows how the Yxy color 11.1208, 0.2755, 0.2203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

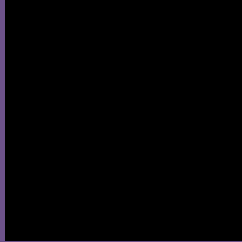
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 11.1208, 0.2755, 0.2203

Background



This preview shows how black text looks on a background with the Yxy color 11.1208, 0.2755, 0.2203.



This preview shows how white text looks on a background with the Yxy color 11.1208, 0.2755, 0.2203.

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

11.1208, 0.2755, 0.2203

Protanopia

11.2167, 0.2280, 0.2146

Deuteranopia

11.1841, 0.2406, 0.2357



Tritanopia

11.1888, 0.3198, 0.3132

Trichromacy



Original Color

11.1208, 0.2755, 0.2203

Protanomaly

11.0193, 0.2426, 0.2147

Deuteranomaly

11.0747, 0.2520, 0.2286

Tritanomaly

11.1750, 0.3028, 0.2752

Monochromacy



Original Color

11.1208, 0.2755, 0.2203

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.3966, 0.2996, 0.2850

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1208, 0.2755, 0.2203 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(109, 82, 138)` looks like.

```
.text, #text, p{  
    color:rgb(109, 82, 138)  
}
```

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(109, 82, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 82, 138) }
```

Border

The CSS property to change the border of an element to Yxy 11.1208, 0.2755, 0.2203 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(109, 82, 138) }
```

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

```
.border{ border-color:rgb(109, 82, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 82, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 82, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 82, 138);  
box-shadow:4px 4px 4px 4px rgb(109, 82,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1208, 0.2755, 0.2203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 82, 138) }
```

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

```
.background{ background-color: rgb(109, 82,  
138) }
```

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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