

Converting Colors

$Y_{xy}(10.7502, 0.3411, 0.2258)$

Have a look what the booklet for
Yxy(10.7502, 0.3411, 0.2258)
contains.

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Color

Yxy(10.7502, 0.3411, 0.2258)

Conversions

Conversions Part 1

Format	Color
Hex	8B417D
RGB	139, 65, 125
RGB Percent	55%, 25%, 49%
CMY	0.4549, 0.7451, 0.5098
CMYK	0.00, 0.53, 0.10, 0.45
HSL	311°, 36%, 40%
HSV	311°, 53%, 55%
XYZ	16.2396, 10.7502, 20.6196
YIQ	93.9660, 24.8440, 34.3480

Conversions

Conversions Part 2

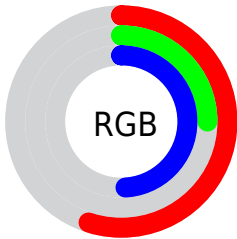
Format	Color
R_{YB}	139, 65, 125
Decimal	9126269
CIE _{Lab}	39.16, 39.70, -19.75
CIE _{LCh}	39, 44.347, 333.548
Yxy	10.7502, 0.3411, 0.2258
Android (android.graphics.Color)	4287316349 (0xFF8B417D)
YUV	93.9660, 15.2998, 39.4948
Hunter-Lab	32.7875, 31.0325, -14.3355

Details

The Yxy color **10.7502, 0.3411, 0.2258** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **20.1549, 0.2942, 0.4623**, and the grayscale version is **11.1441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.1745, 0.3347, 0.2490**, and **2.8110, 0.3513, 0.1840** is the 20% darker color. If you saturate the color by 10%, you get **9.2801, 0.3481, 0.2101**, and if you desaturate by 10%, it is **12.6159, 0.3345, 0.2438**.

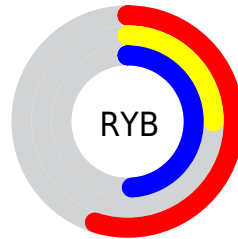
Distribution



Red (55%)

Green (25%)

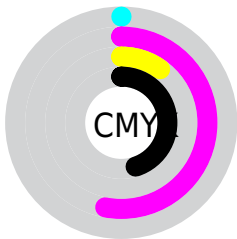
Blue (49%)



Red (55%)

Yellow (25%)

Blue (49%)

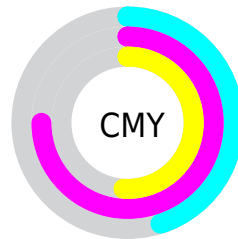


Cyan (0%)

Magenta (53%)

Yellow (10%)

Black (45%)



Cyan (45%)

Magenta (75%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7502, 0.3411, 0.2258 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 10.7502, 0.3411, 0.2258 by changing the saturation by 10% instead.


 10.7502, 0.3411,
0.2258


 10.7502, 0.3411,
0.2258


195.9457, 0.3256,
0.2848


 5.8991, 0.3453,
0.2081


 27.1973, 0.3352,
0.2493


 2.7838, 0.3506,
0.1835

 39.5621, 0.3331,
0.2575


 1.0199, 0.3574,
0.1475

 55.2003, 0.3313,
0.2642

 0.0000, 0.4012,
0.0000

 74.4963, 0.3298,
0.2697

 0.0000, 0.0000,
0.0000

 97.8344, 0.3285,
0.2744

125.5991, 0.3274,

0.2784

158.1747, 0.3265,
0.2818

■ 10.7502, 0.3411,
0.2258

■ 10.7502, 0.3411,
0.2258

■ 9.2801, 0.3481,
0.2101

■ 12.6159, 0.3345,
0.2438

■ 8.1746, 0.3552,
0.1977

■ 14.9021, 0.3285,
0.2633

■ 7.4009, 0.3624,
0.1892

■ 17.6333, 0.3230,
0.2834

■ 6.9190, 0.3694,
0.1850

■ 20.8319, 0.3182,
0.3034

■ 6.6746, 0.3741,
0.1834

■ 24.5185, 0.3140,
0.3229

■ 28.7128, 0.3103,
0.3415

■ 33.4332, 0.3072,
0.3590

■ 38.6972, 0.3045,
0.3752

■ 44.5216, 0.3023,
0.3903

Harmonies

Analogous

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



10.7502, 0.2457, 0.1926



10.7502, 0.3411, 0.2258



10.7502, 0.4427, 0.2791

Triad

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



10.7502, 0.3411, 0.2258



10.7502, 0.4404, 0.4798



10.7502, 0.1531, 0.2675

Complementary

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



10.7502, 0.3411, 0.2258



20.1549, 0.2942, 0.4623

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.



10.7502, 0.1899, 0.3706



10.7502, 0.3411, 0.2258



10.7502, 0.3545, 0.5169

Square

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



10.7502, 0.3411, 0.2258



10.7502, 0.4984, 0.4127



10.7502, 0.2627, 0.4783



10.7502, 0.1516, 0.2069

Rectangle

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



10.7502, 0.3411, 0.2258



10.7502, 0.4903, 0.3213



10.7502, 0.2627, 0.4783



10.7502, 0.1612, 0.2977

Sweetspot

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



10.7507, 0.3411, 0.2258



35.4304, 0.3196, 0.2972



7.2889, 0.2300, 0.1721



7.9234, 0.3205, 0.2936



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.



10.7507, 0.3411, 0.2258



16.1381, 0.3496, 0.2071



9.9820, 0.4114, 0.2868



5.1130, 0.3164, 0.3115



6.0261, 0.3738, 0.1833



0.0420, 0.3450, 0.1674

Inverse Universe

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



10.7507, 0.3411, 0.2258



16.1381, 0.3496, 0.2071



20.8412, 0.2642, 0.3787



5.1130, 0.3164, 0.3115



6.0261, 0.3738, 0.1833



0.0420, 0.3450, 0.1674

Previews

White Background



This preview shows how the Yxy color 10.7502, 0.3411, 0.2258 looks on a white background.

Color Contrast Check

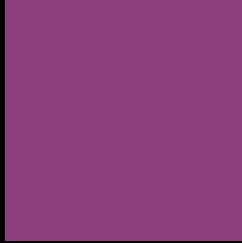
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.7502, 0.3411, 0.2258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

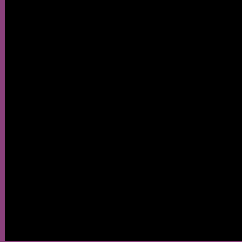
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.7502, 0.3411, 0.2258

Background



This preview shows how black text looks on a background with the Yxy color 10.7502, 0.3411, 0.2258.



This preview shows how white text looks on a background with the Yxy color 10.7502, 0.3411, 0.2258.

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

10.7502, 0.3411, 0.2258

Protanopia

10.9740, 0.2274, 0.2137

Deuteranopia

10.8889, 0.2673, 0.2616



Tritanopia

10.6946, 0.4111, 0.3178

Trichromacy



Original Color

10.7502, 0.3411, 0.2258

Protanomaly

10.4110, 0.2593, 0.2154

Deuteranomaly

10.5039, 0.2917, 0.2456

Tritanomaly

10.6038, 0.3857, 0.2808

Monochromacy



Original Color

10.7502, 0.3411, 0.2258

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.5214, 0.3232, 0.2817

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7502, 0.3411, 0.2258 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, 65, 125)` looks like.

```
.text, #text, p{  
    color:rgb(139, 65, 125)  
}
```

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, 65, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 65, 125) }
```

Border

The CSS property to change the border of an element to Yxy 10.7502, 0.3411, 0.2258 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, 65, 125) }
```

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

```
.border{ border-color:rgb(139, 65, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 65, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 65, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 65, 125);  
box-shadow:4px 4px 4px 4px rgb(139, 65,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7502, 0.3411, 0.2258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 65, 125) }
```

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

```
.background{ background-color: rgb(139, 65,  
125) }
```

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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