

Converting Colors

$Y_{xy}(10.2707, 0.2523, 0.2065)$

Have a look what the booklet for
Yxy(10.2707, 0.2523, 0.2065)
contains.

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Color

Yxy(10.2707, 0.2523, 0.2065)

Conversions

Conversions Part 1

Format	Color
Hex	5F518E
RGB	95, 81, 142
RGB Percent	37%, 32%, 56%
CMY	0.6273, 0.6824, 0.4431
CMYK	0.33, 0.43, 0.00, 0.44
HSL	254°, 27%, 44%
HSV	254°, 43%, 56%
XYZ	12.5487, 10.2707, 26.9177
YIQ	92.1400, -11.2370, 21.9390

Conversions

Conversions Part 2

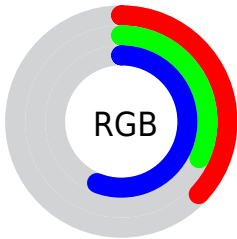
Format	Color
R_{YB}	95, 81, 142
Decimal	6246798
CIE _{Lab}	38.32, 20.44, -31.86
CIE _{LCh}	38, 37.856, 302.687
Yxy	10.2707, 0.2523, 0.2065
Android (android.graphics.Color)	4284436878 (0xFF5F518E)
YUV	92.1400, 24.5810, 2.5082
Hunter-Lab	32.0479, 13.8094, -27.3653

Details

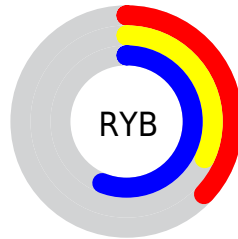
The Yxy color **10.2707, 0.2523, 0.2065** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.5292, 0.3578, 0.4377**, and the grayscale version is **10.6818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.1538, 0.2681, 0.2339**, and **2.5750, 0.2199, 0.1572** is the 20% darker color. If you saturate the color by 10%, you get **7.8321, 0.2347, 0.1743**, and if you desaturate by 10%, it is **13.2337, 0.2689, 0.2383**.

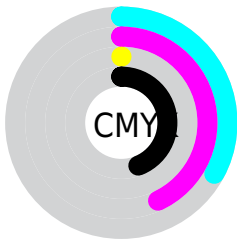
Distribution



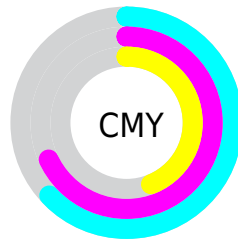
- Red (37%)
- Green (32%)
- Blue (56%)



- Red (37%)
- Yellow (32%)
- Blue (56%)



- Cyan (33%)
- Magenta (43%)
- Yellow (0%)
- Black (44%)




- Cyan (63%)
- Magenta (68%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.2707, 0.2523, 0.2065 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 10.2707, 0.2523, 0.2065 by changing the saturation by 10% instead.


 10.2707, 0.2523,
0.2065


 10.2707, 0.2523,
0.2065


192.5933, 0.2901,
0.2770


 5.5788, 0.2394,
0.1856


 26.3034, 0.2684,
0.2345


 2.5907, 0.2202,
0.1571

 38.4131, 0.2736,
0.2443

 0.9220, 0.1896,
0.1169

 53.7640, 0.2778,
0.2523

 0.0000, 0.1159,
0.0000

 72.7408, 0.2812,
0.2589

 0.0000, 0.0000,
0.0000

 95.7277, 0.2840,
0.2645

123.1092, 0.2864,

0.2693

155.2696, 0.2884,
0.2734

■ 10.2707, 0.2523,
0.2065

■ 10.2707, 0.2523,
0.2065

■ 7.8321, 0.2347,
0.1743

■ 13.2337, 0.2689,
0.2383

■ 5.8854, 0.2168,
0.1434

■ 16.7483, 0.2841,
0.2686

■ 4.3966, 0.1996,
0.1156

■ 20.8415, 0.2976,
0.2966

■ 3.3265, 0.1842,
0.0929

■ 25.5379, 0.3095,
0.3220

■ 2.6293, 0.1715,
0.0766

■ 30.8609, 0.3198,
0.3447

■ 2.2724, 0.1641,
0.0678

■ 36.8325, 0.3286,
0.3648

■ 43.4737, 0.3361,
0.3825

■ 50.8045, 0.3425,
0.3981

■ 58.8440, 0.3480,
0.4118

Harmonies

Analogous

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



10.2707, 0.1951, 0.2006



10.2707, 0.2523, 0.2065



10.2707, 0.3357, 0.2361

Triad

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



10.2707, 0.2523, 0.2065



10.2707, 0.4780, 0.4057



10.2707, 0.2066, 0.3687

Complementary

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



10.2707, 0.2523, 0.2065



24.5292, 0.3578, 0.4377

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.



10.2707, 0.2731, 0.4576



10.2707, 0.2523, 0.2065



10.2707, 0.4301, 0.4630

Square

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



10.2707, 0.2523, 0.2065



10.2707, 0.4783, 0.3432



10.2707, 0.3550, 0.4913



10.2707, 0.1711, 0.2792

Rectangle

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



10.2707, 0.2523, 0.2065



10.2707, 0.3959, 0.2666



10.2707, 0.3550, 0.4913



10.2707, 0.2258, 0.4013

Sweetspot

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



10.2711, 0.2523, 0.2065



36.5171, 0.2973, 0.2958



19.3473, 0.2518, 0.3026



7.8199, 0.2947, 0.2904



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.



10.2711, 0.2523, 0.2065



13.7680, 0.2345, 0.1740



12.1746, 0.2926, 0.2193



5.3112, 0.3023, 0.3065



2.0471, 0.1645, 0.0680



0.0281, 0.2039, 0.0897

Inverse Universe

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



13.1913, 0.3383, 0.2480



19.7357, 0.3463, 0.2305



22.5560, 0.3241, 0.4506



5.4901, 0.3170, 0.3122



6.1628, 0.3874, 0.1908



0.0623, 0.3511, 0.1708

Previews

White Background



This preview shows how the Yxy color 10.2707, 0.2523, 0.2065 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 10.2707, 0.2523, 0.2065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

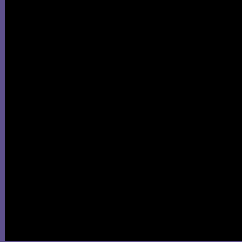
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.2707, 0.2523, 0.2065

Background



This preview shows how black text looks on a background with the Yxy color 10.2707, 0.2523, 0.2065.



This preview shows how white text looks on a background with the Yxy color 10.2707, 0.2523, 0.2065.

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

10.2707, 0.2523, 0.2065

Protanopia

10.3076, 0.2176, 0.2009

Deuteranopia

10.3296, 0.2242, 0.2191



Tritanopia

10.3424, 0.2950, 0.3119

Trichromacy



Original Color

10.2707, 0.2523, 0.2065

Protanomaly

10.1501, 0.2291, 0.2022

Deuteranomaly

10.2760, 0.2329, 0.2138

Tritanomaly

10.1551, 0.2777, 0.2669

Monochromacy



Original Color

10.2707, 0.2523, 0.2065

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.4324, 0.2889, 0.2786

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.2707, 0.2523, 0.2065 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 $rgb(95, 81, 142)$ looks like.

```
.text, #text, p{  
    color:rgb(95, 81, 142)  
}
```

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(95, 81, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 81, 142) }
```

Border

The CSS property to change the border of an element to Yxy 10.2707, 0.2523, 0.2065 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(95, 81, 142) }
```

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

```
.border{ border-color:rgb(95, 81, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 81, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 81, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 81, 142);  
box-shadow:4px 4px 4px 4px rgb(95, 81,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 10.2707, 0.2523, 0.2065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 81, 142) }
```

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

```
.background{ background-color: rgb(95, 81,  
142) }
```

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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