

Converting Colors

$Y_{xy}(26.0713, 0.4138, 0.4463)$

Have a look what the booklet for
Yxy(26.0713, 0.4138, 0.4463)
contains.

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Color

Yxy(26.0713, 0.4138, 0.4463)

Conversions

Conversions Part 1

Format	Color
Hex	9E8B3D
RGB	158, 139, 61
RGB Percent	62%, 55%, 24%
CMY	0.3805, 0.4549, 0.7608
CMYK	0.00, 0.12, 0.61, 0.38
HSL	48°, 44%, 43%
HSV	48°, 61%, 62%
XYZ	24.1728, 26.0713, 8.1725
YIQ	135.7890, 36.3620, -20.2300

Conversions

Conversions Part 2

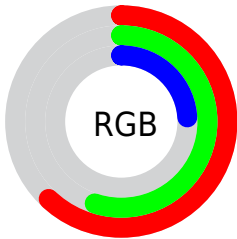
Format	Color
R_{YB}	85, 158, 61
Decimal	10390333
CIE Lab	58.10, -2.63, 43.40
CIE LCh	58, 43.482, 93.469
Yxy	26.0713, 0.4138, 0.4463
Android (android.graphics.Color)	4288580413 (0xFF9E8B3D)
YUV	135.7890, -36.8710, 19.4790
Hunter-Lab	51.0601, -4.8500, 26.2523

Details

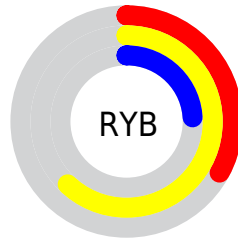
The Yxy color **26.0713, 0.4138, 0.4463** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.1927, 0.2041, 0.1712**, and the grayscale version is **24.6677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2940, 0.3956, 0.4238**, and **10.1053, 0.4415, 0.4785** is the 20% darker color. If you saturate the color by 10%, you get **25.0442, 0.4286, 0.4594**, and if you desaturate by 10%, it is **27.1763, 0.3974, 0.4300**.

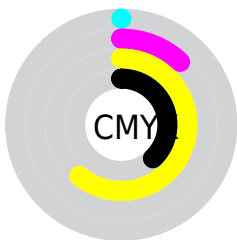
Distribution



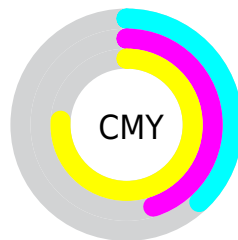
- Red (62%)
- Green (55%)
- Blue (24%)



- Red (33%)
- Yellow (62%)
- Blue (24%)



- Cyan (0%)
- Magenta (12%)
- Yellow (61%)
- Black (38%)





- Cyan (38%)
- Magenta (45%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0713, 0.4138, 0.4463 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 26.0713, 0.4138, 0.4463 by changing the saturation by 10% instead.

 26.0713, 0.4138,
0.4463


 26.0713, 0.4138,
0.4463


 283.1319, 0.3614,
0.3845


 16.8770, 0.4261,
0.4614


 53.3899, 0.3950,
0.4237


 10.1468, 0.4406,
0.4796


 72.2831, 0.3877,
0.4152


 5.4964, 0.4613,
0.5061

 95.1779, 0.3816,
0.4080


 2.5414, 0.4738,
0.5262

 122.4589, 0.3764,
0.4019

 0.8973, 0.4678,
0.5322

 154.5104, 0.3719,
0.3966

 0.0000, 0.0000,
0.0000

 191.7168, 0.3679,

0.3921

234.4625, 0.3645,
0.3881

■ 26.0713, 0.4138,
0.4463

■ 26.0713, 0.4138,
0.4463

■ 25.0442, 0.4286,
0.4594

■ 27.1763, 0.3974,
0.4300

■ 24.0866, 0.4413,
0.4685

■ 28.3597, 0.3803,
0.4115

■ 23.1941, 0.4512,
0.4731

■ 29.6266, 0.3630,
0.3916

■ 22.4665, 0.4582,
0.4744

■ 30.9804, 0.3460,
0.3713

■ 32.4244, 0.3299,
0.3511

■ 33.9616, 0.3147,
0.3316

■ 35.5948, 0.3007,
0.3131

■ 37.3269, 0.2880,
0.2958

■ 39.1603, 0.2764,
0.2798

Harmonies

Analogous

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



26.0713, 0.4537, 0.3998



26.0713, 0.4138, 0.4463



26.0713, 0.3495, 0.4647

Triad

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



26.0713, 0.4138, 0.4463



26.0713, 0.1899, 0.2868



26.0713, 0.3349, 0.2496

Complementary

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



26.0713, 0.4138, 0.4463



9.1927, 0.2041, 0.1712

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.



26.0713, 0.2633, 0.2229



26.0713, 0.4138, 0.4463



26.0713, 0.1873, 0.2378

Square

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



26.0713, 0.4138, 0.4463



26.0713, 0.2213, 0.3609



26.0713, 0.2121, 0.2178



26.0713, 0.4078, 0.2927

Rectangle

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



26.0713, 0.4138, 0.4463



26.0713, 0.3020, 0.4497



26.0713, 0.2121, 0.2178



26.0713, 0.3096, 0.2386

Sweetspot

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



26.0725, 0.4138, 0.4463



57.0539, 0.3410, 0.3651



11.1895, 0.4614, 0.2997



12.7025, 0.3456, 0.3707



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.



26.0725, 0.4138, 0.4463



44.7713, 0.4341, 0.4636



29.4426, 0.3655, 0.4868



7.4997, 0.3265, 0.3469



18.0531, 0.4578, 0.4747



0.3746, 0.4400, 0.4888

Inverse Universe

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



9.1927, 0.2041, 0.1712



11.5379, 0.1811, 0.1318



7.9836, 0.2264, 0.1498



6.6349, 0.2988, 0.3105



2.8044, 0.1560, 0.0817



0.1003, 0.1733, 0.1438

Previews

White Background



This preview shows how the Yxy color 26.0713, 0.4138, 0.4463 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 26.0713, 0.4138, 0.4463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

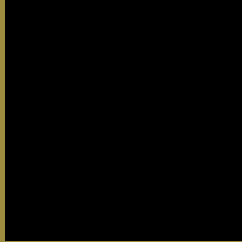
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0713, 0.4138, 0.4463

Background



This preview shows how black text looks on a background with the Yxy color 26.0713, 0.4138, 0.4463.



This preview shows how white text looks on a background with the Yxy color 26.0713, 0.4138, 0.4463.

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

26.0713, 0.4138, 0.4463

Protanopia

26.0617, 0.4093, 0.4494

Deuteranopia

26.0182, 0.4357, 0.4275



Tritanopia

26.1550, 0.3412, 0.3138

Trichromacy



Original Color

26.0713, 0.4138, 0.4463

Protanomaly

26.1610, 0.4105, 0.4488

Deuteranomaly

26.0006, 0.4287, 0.4340

Tritanomaly

25.9014, 0.3701, 0.3638

Monochromacy



Original Color

26.0713, 0.4138, 0.4463

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.9247, 0.3506, 0.3766

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0713, 0.4138, 0.4463 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(158, 139, 61)` looks like.

```
.text, #text, p{  
    color:rgb(158, 139, 61)  
}
```

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(158, 139, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 139, 61) }
```

Border

The CSS property to change the border of an element to Yxy 26.0713, 0.4138, 0.4463 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(158, 139, 61) }
```

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

```
.border{ border-color:rgb(158, 139, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 139, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 139, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 139, 61);  
box-shadow:4px 4px 4px 4px rgb(158, 139,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0713, 0.4138, 0.4463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 139, 61) }
```

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

```
.background{ background-color: rgb(158,  
139, 61) }
```

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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