

Converting Colors

$Y_{xy}(17.5359, 0.3972, 0.4460)$

Have a look what the booklet for
Yxy(17.5359, 0.3972, 0.4460)
contains.

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Color

Yxy(17.5927, 0.3965, 0.4465)

Conversions

Conversions Part 1

Format	Color
Hex	7D7637
RGB	125, 118, 55
RGB Percent	49%, 46%, 22%
CMY	0.5099, 0.5372, 0.7843
CMYK	0.00, 0.06, 0.56, 0.51
HSL	54°, 39%, 35%
HSV	54°, 56%, 49%
XYZ	15.6226, 17.5927, 6.1860
YIQ	112.9110, 24.3950, -18.1090

Conversions

Conversions Part 2

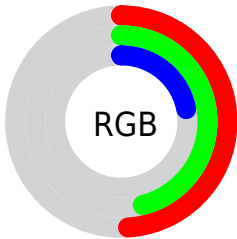
Format	Color
R _Y B	63, 125, 55
Decimal	8222263
CIE Lab	49.00, -6.28, 35.18
CIE LCh	49, 35.736, 100.115
Yxy	17.5927, 0.3965, 0.4465
Android (android.graphics.Color)	4286412343 (0xFF7D7637)
YUV	112.9110, -28.5501, 10.6021
Hunter-Lab	41.9437, -6.9160, 20.6162

Details

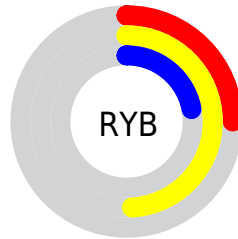
The Yxy color **17.5927, 0.3965, 0.4465** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.7329, 0.2129, 0.1745**, and the grayscale version is **16.5660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3326, 0.3788, 0.4201**, and **5.8493, 0.4230, 0.4902** is the 20% darker color. If you saturate the color by 10%, you get **17.1975, 0.4094, 0.4627**, and if you desaturate by 10%, it is **18.0238, 0.3822, 0.4276**.

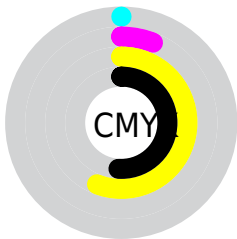
Distribution



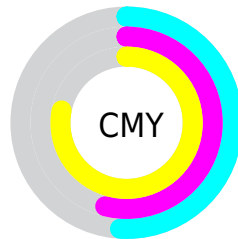
- Red (49%)
- Green (46%)
- Blue (22%)



- Red (25%)
- Yellow (49%)
- Blue (22%)



- Cyan (0%)
- Magenta (6%)
- Yellow (56%)
- Black (51%)




- Cyan (51%)
- Magenta (54%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5927, 0.3965, 0.4465 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 17.5927, 0.3965, 0.4465 by changing the saturation by 10% instead.


 17.5927, 0.3965,
0.4465


 17.5927, 0.3965,
0.4465


 238.5652, 0.3504,
0.3792


 10.6580, 0.4083,
0.4656


 39.3421, 0.3791,
0.4201


 5.8373, 0.4224,
0.4905

 54.9255, 0.3727,
0.4108


 2.7464, 0.4555,
0.5445


 74.1606, 0.3674,
0.4031

 1.0008, 0.4423,
0.5577

 97.4318, 0.3629,
0.3967

 0.0000, 0.0000,
0.0000

 125.1234, 0.3591,
0.3913

 157.6199, 0.3558,

0.3867

195.3057, 0.3529,
0.3827

■ 17.5927, 0.3965,
0.4465

■ 17.5927, 0.3965,
0.4465

■ 17.1975, 0.4094,
0.4627

■ 18.0238, 0.3822,
0.4276

■ 16.8333, 0.4202,
0.4754

■ 18.4903, 0.3670,
0.4069

■ 16.4984, 0.4287,
0.4842

■ 18.9952, 0.3515,
0.3851

■ 16.1878, 0.4349,
0.4892

■ 19.5401, 0.3361,
0.3632

■ 16.0659, 0.4373,
0.4910

■ 20.1266, 0.3213,
0.3416

■ 20.7564, 0.3072,
0.3208

■ 21.4309, 0.2940,
0.3011

■ 22.1516, 0.2819,
0.2827

■ 22.9196, 0.2707,
0.2657

Harmonies

Analogous

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



17.5927, 0.4401, 0.4076



17.5927, 0.3965, 0.4465



17.5927, 0.3332, 0.4534

Triad

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



17.5927, 0.3965, 0.4465



17.5927, 0.1937, 0.2773



17.5927, 0.3497, 0.2619

Complementary

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



17.5927, 0.3965, 0.4465



5.7329, 0.2129, 0.1745

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.



17.5927, 0.2801, 0.2326



17.5927, 0.3965, 0.4465



17.5927, 0.1970, 0.2368

Square

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



17.5927, 0.3965, 0.4465



17.5927, 0.2178, 0.3427



17.5927, 0.2265, 0.2229



17.5927, 0.4143, 0.3057

Rectangle

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



17.5927, 0.3965, 0.4465



17.5927, 0.2887, 0.4317



17.5927, 0.2265, 0.2229



17.5927, 0.3258, 0.2502

Sweetspot

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



17.5935, 0.3965, 0.4465



34.8641, 0.3383, 0.3663



7.4378, 0.4538, 0.3158



7.8947, 0.3407, 0.3697



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



17.5935, 0.3965, 0.4465



30.6333, 0.4124, 0.4664



17.4770, 0.3525, 0.4758



4.9486, 0.3258, 0.3483



16.7696, 0.4373, 0.4910



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.7329, 0.2129, 0.1745



7.1821, 0.1897, 0.1360



6.0504, 0.2481, 0.1739



4.2753, 0.2993, 0.3090



1.8253, 0.1527, 0.0696



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.5927, 0.3965, 0.4465 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 17.5927, 0.3965, 0.4465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

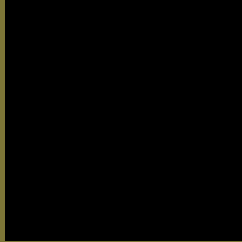
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5927, 0.3965, 0.4465

Background



This preview shows how black text looks on a background with the Yxy color 17.5927, 0.3965, 0.4465.



This preview shows how white text looks on a background with the Yxy color 17.5927, 0.3965, 0.4465.

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

17.5927, 0.3965, 0.4465

Protanopia

17.6655, 0.4032, 0.4422

Deuteranopia

17.5039, 0.4270, 0.4211



Tritanopia

17.5502, 0.3282, 0.3124

Trichromacy



Original Color

17.5927, 0.3965, 0.4465

Protanomaly

17.5876, 0.4017, 0.4429

Deuteranomaly

17.5544, 0.4151, 0.4315

Tritanomaly

17.5463, 0.3559, 0.3635

Monochromacy



Original Color

17.5927, 0.3965, 0.4465

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.8161, 0.3439, 0.3756

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5927, 0.3965, 0.4465 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(125, 118, 55)` looks like.

```
.text, #text, p{  
    color:rgb(125, 118, 55)  
}
```

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(125, 118, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 118, 55) }
```

Border

The CSS property to change the border of an element to Yxy 17.5927, 0.3965, 0.4465 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(125, 118, 55) }
```

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

```
.border{ border-color:rgb(125, 118, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 118, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 118, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 118, 55);  
box-shadow:4px 4px 4px 4px rgb(125, 118,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5927, 0.3965, 0.4465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 118, 55) }
```

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

```
.background{ background-color: rgb(125,  
118, 55) }
```

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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