

Converting Colors

$Y_{xy}(21.0528, 0.4255, 0.4430)$

Have a look what the booklet for
Yxy(21.0528, 0.4255, 0.4430)
contains.

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Color

Yxy(21.0528, 0.4255, 0.4430)

Conversions

Conversions Part 1

Format	Color
Hex	957C34
RGB	149, 124, 52
RGB Percent	58%, 49%, 20%
CMY	0.4157, 0.5137, 0.7960
CMYK	0.00, 0.17, 0.65, 0.42
HSL	45°, 48%, 39%
HSV	45°, 65%, 58%
XYZ	20.2211, 21.0528, 6.2493
YIQ	123.2670, 38.0120, -17.0920

Conversions

Conversions Part 2

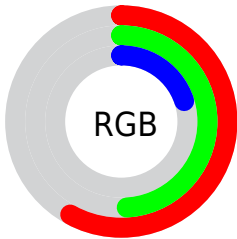
Format	Color
R_{YB}	86, 149, 52
Decimal	9796660
CIE _{Lab}	53.01, 1.04, 41.83
CIE _{LCh}	53, 41.844, 88.573
Yxy	21.0528, 0.4255, 0.4430
Android (android.graphics.Color)	4287986740 (0xFF957C34)
YUV	123.2670, -35.1346, 22.5678
Hunter-Lab	45.8833, -1.6295, 24.0430

Details

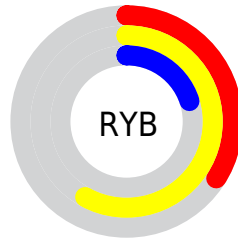
The Yxy color **21.0528, 0.4255, 0.4430** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.2094, 0.2011, 0.1739**, and the grayscale version is **20.0101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1318, 0.4035, 0.4198**, and **7.6018, 0.4568, 0.4755** is the 20% darker color. If you saturate the color by 10%, you get **19.9964, 0.4418, 0.4539**, and if you desaturate by 10%, it is **22.1911, 0.4077, 0.4287**.

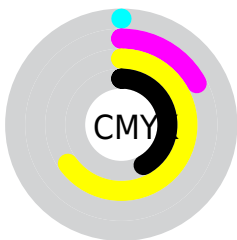
Distribution



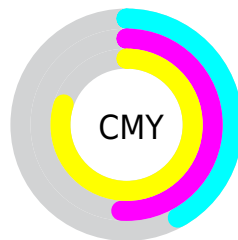
- Red (58%)
- Green (49%)
- Blue (20%)



- Red (34%)
- Yellow (58%)
- Blue (20%)



- Cyan (0%)
- Magenta (17%)
- Yellow (65%)
- Black (42%)





- Cyan (42%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0528, 0.4255, 0.4430 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 21.0528, 0.4255, 0.4430 by changing the saturation by 10% instead.


 21.0528, 0.4255,
0.4430


 21.0528, 0.4255,
0.4430


257.5590, 0.3648,
0.3821


 13.1626, 0.4405,
0.4578


 45.1754, 0.4031,
0.4206

 7.5406, 0.4583,
0.4751


 62.1766, 0.3947,
0.4122

 3.8024, 0.4919,
0.5081

 82.9835, 0.3876,
0.4051

 1.5637, 0.4935,
0.5065

 107.9807, 0.3816,
0.3991

 0.3329, 0.5066,
0.4934

 137.5524, 0.3765,
0.3939

 0.0000, 0.0000,
0.0000

 172.0831, 0.3721,

0.3894

211.9572, 0.3682,
0.3855

■ 21.0528, 0.4255,
0.4430

■ 21.0528, 0.4255,
0.4430

■ 19.9964, 0.4418,
0.4539

■ 22.1911, 0.4077,
0.4287

■ 19.0142, 0.4559,
0.4605

■ 23.4123, 0.3892,
0.4120

■ 18.1015, 0.4673,
0.4627

■ 24.7209, 0.3707,
0.3938

■ 17.6709, 0.4725,
0.4630

■ 26.1204, 0.3528,
0.3749

■ 27.6139, 0.3359,
0.3562

■ 29.2042, 0.3202,
0.3379

■ 30.8941, 0.3058,
0.3206

■ 32.6862, 0.2927,
0.3043

■ 34.5829, 0.2809,
0.2892

Harmonies

Analogous

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



21.0528, 0.4612, 0.3924



21.0528, 0.4255, 0.4430



21.0528, 0.3620, 0.4693

Triad

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



21.0528, 0.4255, 0.4430



21.0528, 0.1896, 0.2962



21.0528, 0.3226, 0.2416

Complementary

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



21.0528, 0.4255, 0.4430



8.2094, 0.2011, 0.1739

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.



21.0528, 0.2514, 0.2175



21.0528, 0.4255, 0.4430



21.0528, 0.1823, 0.2410

Square

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



21.0528, 0.4255, 0.4430



21.0528, 0.2265, 0.3754



21.0528, 0.2032, 0.2160



21.0528, 0.3998, 0.2834

Rectangle

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



21.0528, 0.4255, 0.4430



21.0528, 0.3132, 0.4604



21.0528, 0.2032, 0.2160



21.0528, 0.2970, 0.2313

Sweetspot

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



21.0538, 0.4255, 0.4430



48.0142, 0.3448, 0.3661



9.3953, 0.4599, 0.2882



10.4919, 0.3491, 0.3709



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



21.0538, 0.4255, 0.4430



35.0078, 0.4485, 0.4574



26.2036, 0.3744, 0.4899



6.4943, 0.3265, 0.3454



14.9238, 0.4721, 0.4634



0.2302, 0.4433, 0.4862

Inverse Universe

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



8.2094, 0.2011, 0.1739



10.3640, 0.1794, 0.1359



6.1096, 0.2129, 0.1365



5.8615, 0.2989, 0.3121



3.0568, 0.1595, 0.0941



0.0794, 0.1805, 0.1698

Previews

White Background



This preview shows how the Yxy color 21.0528, 0.4255, 0.4430 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 21.0528, 0.4255, 0.4430 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 21.0528, 0.4255, 0.4430

Background



This preview shows how black text looks on a background with the Yxy color 21.0528, 0.4255, 0.4430.



This preview shows how white text looks on a background with the Yxy color 21.0528, 0.4255, 0.4430.

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

21.0528, 0.4255, 0.4430

Protanopia

21.0985, 0.4111, 0.4514

Deuteranopia

21.0999, 0.4382, 0.4324



Tritanopia

20.9400, 0.3523, 0.3144

Trichromacy



Original Color

21.0528, 0.4255, 0.4430

Protanomaly

21.1080, 0.4160, 0.4479

Deuteranomaly

21.0461, 0.4333, 0.4357

Tritanomaly

20.8478, 0.3835, 0.3644

Monochromacy



Original Color

21.0528, 0.4255, 0.4430

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.9345, 0.3548, 0.3771

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0528, 0.4255, 0.4430 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(149, 124, 52)` looks like.

```
.text, #text, p{  
    color:rgb(149, 124, 52)  
}
```

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(149, 124, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 124, 52) }
```

Border

The CSS property to change the border of an element to Yxy 21.0528, 0.4255, 0.4430 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(149, 124, 52) }
```

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

```
.border{ border-color:rgb(149, 124, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 124, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 124, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 124, 52);  
box-shadow:4px 4px 4px 4px rgb(149, 124,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0528, 0.4255, 0.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 124, 52) }
```

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

```
.background{ background-color: rgb(149,  
124, 52) }
```

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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