

Converting Colors

$Yxy(22.5587, 0.3557, 0.4697)$

Have a look what the booklet for
Yxy(22.5587, 0.3557, 0.4697)
contains.

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Color

Yxy(22.6485, 0.3552, 0.4693)

Conversions

Conversions Part 1

Format	Color
Hex	718C41
RGB	113, 140, 65
RGB Percent	44%, 55%, 25%
CMY	0.5569, 0.4510, 0.7451
CMYK	0.19, 0.00, 0.54, 0.45
HSL	82°, 37%, 40%
HSV	82°, 54%, 55%
XYZ	17.1420, 22.6485, 8.4697
YIQ	123.3770, 7.9830, -29.0490

Conversions

Conversions Part 2

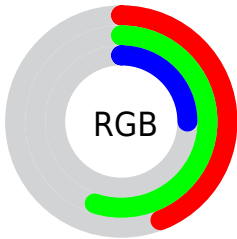
Format	Color
RYB	65, 140, 92
Decimal	7441473
CIELab	54.71, -22.28, 36.54
CIElCh	55, 42.795, 121.378
Yxy	22.6485, 0.3552, 0.4693
Android (android.graphics.Color)	4285631553 (0xFF718C41)
YUV	123.3770, -28.7799, -9.1006
Hunter-Lab	47.5904, -18.9878, 22.7615

Details

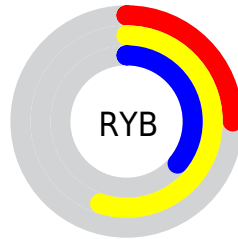
The Yxy color $22.6485, 0.3552, 0.4693$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $7.9508, 0.2467, 0.1776$, and the grayscale version is $20.0338, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.9284, 0.3480, 0.4377$, and $8.4065, 0.3622, 0.5250$ is the 20% darker color. If you saturate the color by 10%, you get $22.1817, 0.3598, 0.4940$, and if you desaturate by 10%, it is $23.1761, 0.3489, 0.4427$.

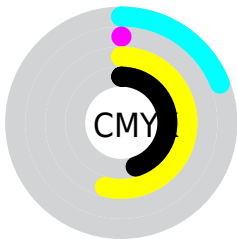
Distribution



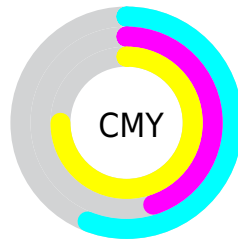
- Red (44%)
- Green (55%)
- Blue (25%)



- Red (25%)
- Yellow (55%)
- Blue (36%)



- Cyan (19%)
- Magenta (0%)
- Yellow (54%)
- Black (45%)





- Cyan (56%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.6485, 0.3552, 0.4693 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 22.6485, 0.3552, 0.4693 by changing the saturation by 10% instead.


 22.6485, 0.3552,
0.4693


 22.6485, 0.3552,
0.4693


265.9144, 0.3347,
0.3885


 14.3342, 0.3588,
0.4931


 47.8155, 0.3485,
0.4372

 8.3535, 0.3617,
0.5254


 65.4370, 0.3457,
0.4260


 4.3219, 0.3654,
0.5779

 86.9297, 0.3432,
0.4168

 1.8552, 0.3535,
0.6465

 112.6779, 0.3411,
0.4092

 0.5213, 0.0000,
1.0000

 143.0661, 0.3392,
0.4028

 0.0000, 0.0000,
0.0000

178.4787, 0.3375,

0.3973

219.3000, 0.3361,
0.3926

■ 22.6485, 0.3552,
0.4693

■ 22.6485, 0.3552,
0.4693

■ 22.1817, 0.3598,
0.4940

■ 23.1761, 0.3489,
0.4427

■ 21.7693, 0.3624,
0.5157

■ 23.7646, 0.3414,
0.4154

■ 21.4087, 0.3626,
0.5333

■ 24.4176, 0.3332,
0.3883

■ 21.0953, 0.3606,
0.5463

■ 25.1378, 0.3245,
0.3621

■ 20.9103, 0.3587,
0.5534

■ 25.9275, 0.3158,
0.3374

■ 26.7891, 0.3072,
0.3145

■ 27.7247, 0.2990,
0.2934

■ 28.7364, 0.2912,
0.2742

■ 29.8261, 0.2839,
0.2569

Harmonies

Analogous

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



22.6485, 0.4203, 0.4467



22.6485, 0.3552, 0.4693



22.6485, 0.2825, 0.4411

Triad

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



22.6485, 0.3552, 0.4693



22.6485, 0.1833, 0.2376



22.6485, 0.4061, 0.2881

Complementary

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



22.6485, 0.3552, 0.4693



7.9508, 0.2467, 0.1776

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.



22.6485, 0.3299, 0.2449



22.6485, 0.3552, 0.4693



22.6485, 0.2067, 0.2153

Square

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



22.6485, 0.3552, 0.4693



22.6485, 0.1878, 0.2899



22.6485, 0.2573, 0.2191



22.6485, 0.4557, 0.3414

Rectangle

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



22.6485, 0.3552, 0.4693



22.6485, 0.2397, 0.3948



22.6485, 0.2573, 0.2191



22.6485, 0.3821, 0.2722

Sweetspot

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



22.6495, 0.3552, 0.4693



43.9529, 0.3269, 0.3692



13.4833, 0.4339, 0.3766



10.0746, 0.3285, 0.3739



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.



22.6495, 0.3552, 0.4693



38.9687, 0.3604, 0.4981



20.6860, 0.3151, 0.4889



5.7564, 0.3206, 0.3510



18.5900, 0.3590, 0.5531



0.1318, 0.3874, 0.5306

Inverse Universe

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



7.9508, 0.2467, 0.1776



10.2592, 0.2282, 0.1436



10.3227, 0.3011, 0.1987



4.9742, 0.3043, 0.3068



2.3047, 0.1809, 0.0770



0.0230, 0.2292, 0.1036

Previews

White Background



This preview shows how the Yxy color 22.6485, 0.3552, 0.4693 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 22.6485, 0.3552, 0.4693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

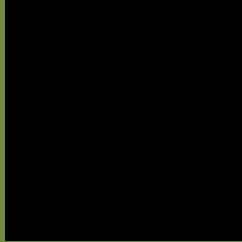
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6485, 0.3552, 0.4693

Background



This preview shows how black text looks on a background with the Yxy color 22.6485, 0.3552, 0.4693.



This preview shows how white text looks on a background with the Yxy color 22.6485, 0.3552, 0.4693.

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

22.6485, 0.3552, 0.4693

Protanopia

22.6001, 0.4044, 0.4423

Deuteranopia

22.3186, 0.4231, 0.4146



Tritanopia

22.6665, 0.2926, 0.3113

Trichromacy



Original Color

22.6485, 0.3552, 0.4693

Protanomaly

22.3956, 0.3857, 0.4523

Deuteranomaly

22.2223, 0.3971, 0.4335

Tritanomaly

22.4648, 0.3165, 0.3682

Monochromacy



Original Color

22.6485, 0.3552, 0.4693

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

20.5818, 0.3304, 0.3809

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6485, 0.3552, 0.4693 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(113, 140, 65)` looks like.

```
.text, #text, p{  
    color:rgb(113, 140, 65)  
}
```

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(113, 140, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 140, 65) }
```

Border

The CSS property to change the border of an element to Yxy 22.6485, 0.3552, 0.4693 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(113, 140, 65) }
```

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

```
.border{ border-color:rgb(113, 140, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 140, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 140, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 140, 65);  
box-shadow:4px 4px 4px 4px rgb(113, 140,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6485, 0.3552, 0.4693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 140, 65) }
```

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

```
.background{ background-color: rgb(113,  
140, 65) }
```

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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