

Converting Colors

$Y_{xy}(22.9298, 0.3776, 0.5209)$

Have a look what the booklet for
Yxy(22.9298, 0.3776, 0.5209)
contains.

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Color

Yxy(22.9269, 0.3782, 0.5204)

Conversions

Conversions Part 1

Format	Color
Hex	718E19
RGB	113, 142, 25
RGB Percent	44%, 56%, 10%
CMY	0.5567, 0.4432, 0.9019
CMYK	0.20, 0.00, 0.82, 0.44
HSL	75°, 70%, 33%
HSV	75°, 82%, 56%
XYZ	16.6621, 22.9269, 4.4673
YIQ	119.9910, 20.2730, -42.5350

Conversions

Conversions Part 2

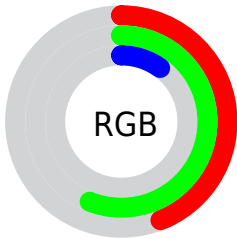
Format	Color
R_{YB}	25, 142, 54
Decimal	7441945
CIE _{Lab}	55.00, -26.19, 53.43
CIE _{LCh}	55, 59.501, 116.111
Yxy	22.9269, 0.3782, 0.5204
Android (android.graphics.Color)	4285632025 (0xFF718E19)
YUV	119.9910, -46.8306, -6.1311
Hunter-Lab	47.8820, -21.6788, 27.9858

Details

The Yxy color **22.9269, 0.3782, 0.5204** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **3.4322, 0.1871, 0.0951**, and the grayscale version is **18.9302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.3988, 0.3703, 0.4795**, and **8.6150, 0.3632, 0.5498** is the 20% darker color. If you saturate the color by 10%, you get **22.6527, 0.3781, 0.5319**, and if you desaturate by 10%, it is **23.2434, 0.3759, 0.5045**.

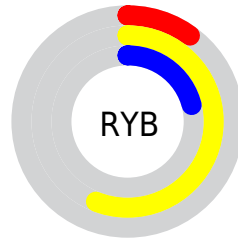
Distribution



Red (44%)

Green (56%)

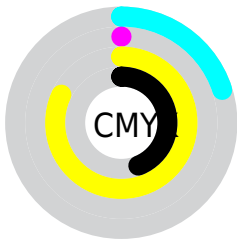
Blue (10%)



Red (10%)

Yellow (56%)

Blue (21%)

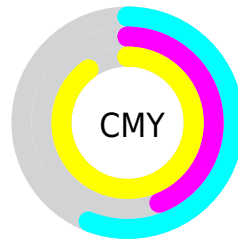


Cyan (20%)

Magenta (0%)

Yellow (82%)

Black (44%)



Cyan (56%)


Magenta (44%)

Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9269, 0.3782, 0.5204 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 22.9269, 0.3782, 0.5204 by changing the saturation by 10% instead.


 22.9269, 0.3782,
0.5204


 22.9269, 0.3782,
0.5204


 267.3493, 0.3499,
0.4132


 14.5395, 0.3805,
0.5484


 48.2733, 0.3706,
0.4797


 8.4969, 0.3807,
0.5860


 66.0011, 0.3667,
0.4647


 4.4145, 0.3701,
0.6299

 87.6111, 0.3632,
0.4524

 1.9080, 0.3306,
0.6694

 113.4879, 0.3599,
0.4420

 0.5532, 0.0000,
1.0000

 144.0157, 0.3570,
0.4331

 0.0000, 0.0000,
0.0000

 179.5789, 0.3544,

0.4255

220.5620, 0.3520,
0.4189

22.9269, 0.3782,
0.5204

22.9269, 0.3782,
0.5204

22.6527, 0.3781,
0.5319

23.2434, 0.3759,
0.5045

22.4607, 0.3770,
0.5388

23.6032, 0.3712,
0.4846

24.0112, 0.3645,
0.4617

24.4704, 0.3561,
0.4366

24.9837, 0.3465,
0.4106

■ 25.5537, 0.3362,
0.3844

■ 26.1830, 0.3257,
0.3589

■ 26.8738, 0.3152,
0.3346

■ 27.6282, 0.3050,
0.3118

Harmonies

Analogous

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



22.9269, 0.4625, 0.4679



22.9269, 0.3782, 0.5204



22.9269, 0.2828, 0.5045

Triad

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



22.9269, 0.3782, 0.5204



22.9269, 0.1438, 0.2135



22.9269, 0.4237, 0.2619

Complementary

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



22.9269, 0.3782, 0.5204



3.4322, 0.1871, 0.0951

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.



22.9269, 0.3151, 0.2117



22.9269, 0.3782, 0.5204



22.9269, 0.1667, 0.1825

Square

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



22.9269, 0.3782, 0.5204



22.9269, 0.1535, 0.2872



22.9269, 0.2234, 0.1837



22.9269, 0.5019, 0.3258

Rectangle

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



22.9269, 0.3782, 0.5204



22.9269, 0.2247, 0.4429



22.9269, 0.2234, 0.1837



22.9269, 0.3882, 0.2431

Sweetspot

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



22.9279, 0.3782, 0.5204



44.7389, 0.3395, 0.3926



8.3043, 0.5529, 0.3652



9.9233, 0.3427, 0.4006



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.



22.9279, 0.3782, 0.5204



39.5740, 0.3764, 0.5387



20.2616, 0.3194, 0.5632



6.2191, 0.3223, 0.3510



20.1767, 0.3772, 0.5387



0.2032, 0.3983, 0.5219

Inverse Universe

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



3.4322, 0.1871, 0.0951



4.0841, 0.1652, 0.0689



6.0152, 0.2679, 0.1370



5.3155, 0.3026, 0.3065



2.0844, 0.1663, 0.0690



0.0290, 0.2074, 0.0916

Previews

White Background



This preview shows how the Yxy color 22.9269, 0.3782, 0.5204 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 22.9269, 0.3782, 0.5204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

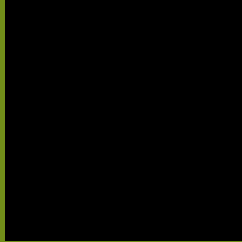
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9269, 0.3782, 0.5204

Background



This preview shows how black text looks on a background with the Yxy color 22.9269, 0.3782, 0.5204.



This preview shows how white text looks on a background with the Yxy color 22.9269, 0.3782, 0.5204.

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

22.9269, 0.3782, 0.5204

Protanopia

22.8564, 0.4334, 0.4807

Deuteranopia

22.7879, 0.4566, 0.4494



Tritanopia

22.8457, 0.2937, 0.3097

Trichromacy



Original Color

22.9269, 0.3782, 0.5204

Protanomaly

22.8211, 0.4121, 0.4962

Deuteranomaly

22.4425, 0.4281, 0.4752

Tritanomaly

22.5934, 0.3332, 0.3964

Monochromacy



Original Color

22.9269, 0.3782, 0.5204

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

19.8761, 0.3469, 0.4130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9269, 0.3782, 0.5204 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, 142, 25)` looks like.

```
.text, #text, p{  
    color:rgb(113, 142, 25)  
}
```

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, 142, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 142, 25) }
```

Border

The CSS property to change the border of an element to Yxy 22.9269, 0.3782, 0.5204 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, 142, 25) }
```

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

```
.border{ border-color:rgb(113, 142, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 142, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 142, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 142, 25);  
box-shadow:4px 4px 4px 4px rgb(113, 142,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9269, 0.3782, 0.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 142, 25) }
```

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

```
.background{ background-color: rgb(113,  
142, 25) }
```

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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