

Converting Colors

XYZ(21.5091, 28.6283, 1.2119)

Have a look what the booklet for
XYZ(21.5091, 28.6283, 1.2119)
contains.

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Color

**XYZ(22.0379, 28.7611,
4.3899)**

Conversions

Conversions Part 1

Format	Color
Hex	899B00
RGB	137, 155, 0
RGB Percent	54%, 61%, 0%
CMY	0.4627, 0.3921, 1.0000
CMYK	0.12, 0.00, 1.00, 0.39
HSL	67°, 100%, 30%
HSV	67°, 100%, 61%
XYZ	22.0379, 28.7611, 4.3899
YIQ	131.9480, 39.0270, -52.0210

Conversions

Conversions Part 2

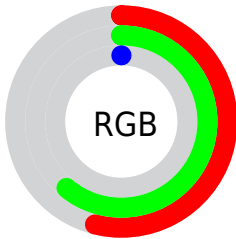
Format	Color
RYB	0, 155, 18
Decimal	9018112
CIELab	60.57, -22.87, 63.44
CIELCh	61, 67.435, 109.827
Yxy	28.7611, 0.3993, 0.5211
Android (android.graphics.Color)	4287208192 (0xFF899B00)
YUV	131.9480, -65.0504, 4.4306
Hunter-Lab	53.6294, -20.5005, 32.6873

Details

The XYZ color **22.0379, 28.7611, 4.3899** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.1666, 2.4957, 31.1689**, and the grayscale version is **22.1319, 23.2845, 25.3568**.

A 20% lighter version of the original color is **46.2183, 57.5381, 14.8009**, and **8.4300, 11.6945, 1.8130** is the 20% darker color. If you saturate the color by 10%, you get **22.0383, 28.7623, 4.3901**, and if you desaturate by 10%, it is **22.4261, 28.9518, 4.8776**.

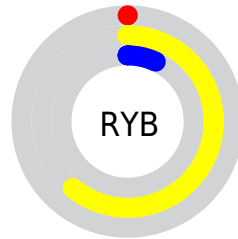
Distribution



Red (54%)

Green (61%)

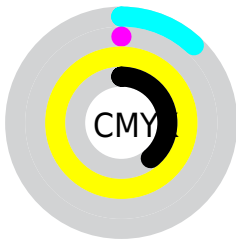
Blue (0%)



Red (0%)

Yellow (61%)

Blue (7%)

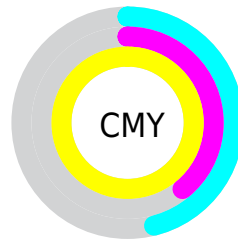


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (46%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0379, 28.7611, 4.3899 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 XYZ color 22.0379, 28.7611, 4.3899 by changing the saturation by 10% instead.

■ 22.0379, 28.7611,
4.3899

■ 22.0379, 28.7611,
4.3899

255.3728,
296.0861, 152.4652

■ 14.0015, 18.9002,
1.8416

■ 46.2870, 57.6973,
14.8994

■ 8.2034, 11.5982,
0.4552

■ 63.2305, 77.5414,
23.6978

■ 4.2783, 6.4707,
0.0000

■ 83.8736, 101.4819,
35.4165

■ 1.8607, 3.1333,
0.0000

■ 108.5819,
129.9034, 50.4742

■ 0.5539, 1.2017,
0.0000

■ 137.7205,
163.1901, 69.2893

■ 0.0000, 0.0631,
0.0000

■ 171.6550,

■ 0.0000, 0.0000,

201.7266, 92.2806

0.0000

210.7506,
245.8971, 119.8663

22.0379, 28.7611,
4.3899

22.0379, 28.7611,
4.3899

22.0383, 28.7623,
4.3901

22.4261, 28.9518,
4.8776

22.8863, 29.1708,
5.7215

23.4497, 29.4317,
7.0831

24.1288, 29.7395,
9.0280

24.9343, 30.0984,
11.6122

■ 25.8756, 30.5122,
14.8850

■ 26.9612, 30.9843,
18.8911

■ 28.1988, 31.5178,
23.6712

■ 29.5956, 32.1155,
29.2633

Harmonies

Analogous

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



30.4042, 28.7611, 3.8497



22.0379, 28.7611, 4.3899



16.4279, 28.7611, 9.4389

Triad

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



22.0379, 28.7611, 4.3899



17.8892, 28.7611, 84.1584



47.3688, 28.7611, 40.5796

Complementary

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



22.0379, 28.7611, 4.3899



6.1666, 2.4957, 31.1689

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.



42.2431, 28.7611, 73.5955



22.0379, 28.7611, 4.3899



24.4825, 28.7611, 106.2792

Square

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



22.0379, 28.7611, 4.3899



14.4091, 28.7611, 50.5758



33.4230, 28.7611, 101.6283



46.3237, 28.7611, 17.6962

Rectangle

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



22.0379, 28.7611, 4.3899



14.4318, 28.7611, 17.5106



33.4230, 28.7611, 101.6283



46.2745, 28.7611, 50.9519

Sweetspot

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



22.0386, 28.7624, 4.3905



48.1591, 55.4332, 33.3666



13.6966, 7.3253, 0.6924



10.7220, 12.4696, 6.8854



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.0386, 28.7624, 4.3905



39.3630, 51.4541, 7.8570



13.7093, 24.4685, 4.0007



6.6383, 7.1865, 6.6431



17.7208, 23.1113, 3.5269



0.2823, 0.3545, 0.0535

Inverse Universe

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



6.1666, 2.4957, 31.1689



10.9583, 4.4252, 55.8129



10.4318, 4.6945, 31.3685



5.9478, 6.0590, 7.7850



4.9708, 2.0136, 25.0344



0.0896, 0.0380, 0.3750

Previews

White Background



This preview shows how the XYZ color 22.0379, 28.7611, 4.3899 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 XYZ color 22.0379, 28.7611, 4.3899 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](#).

XYZ 22.0379, 28.7611, 4.3899

Background



This preview shows how black text looks on a background with the XYZ color 22.0379, 28.7611, 4.3899.



This preview shows how white text looks on a background with the XYZ color 22.0379, 28.7611,

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

22.0379, 28.7611, 4.3899

Protanopia

25.7959, 28.5571, 4.1525

Deuteranopia

29.0421, 28.4419, 4.9364



Tritanopia

28.2841, 28.7026, 35.0598

Trichromacy



Original Color

22.0379, 28.7611, 4.3899

Protanomaly

24.2650, 28.4635, 4.2151

Deuteranomaly

26.0108, 28.2025, 4.6030

Tritanomaly

24.5191, 28.1004, 15.9360

Monochromacy



Original Color

22.0379, 28.7611, 4.3899

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.8098, 24.4646, 12.0128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0379, 28.7611, 4.3899 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(137, 155, 0)` looks like.

```
.text, #text, p{  
    color:rgb(137, 155, 0)  
}
```

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(137, 155, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 155, 0) }
```

Border

The CSS property to change the border of an element to XYZ 22.0379, 28.7611, 4.3899 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(137, 155, 0) }
```


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

```
.border{ border-color:rgb(137, 155, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 155, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 155, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 155, 0);  
box-shadow:4px 4px 4px 4px rgb(137, 155,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0379, 28.7611, 4.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 155, 0) }
```

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

```
.background{ background-color: rgb(137,  
155, 0) }
```

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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