

Converting Colors

XYZ(22.5832, 28.5843, 6.3670)

Have a look what the booklet for
XYZ(22.5832, 28.5843, 6.3670)
contains.

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Color

**XYZ(22.5895, 28.5111,
6.3201)**

Conversions

Conversions Part 1	
Format	Color
Hex	8C9928
RGB	140, 153, 40
RGB Percent	55%, 60%, 16%
CMY	0.4510, 0.4000, 0.8431
CMYK	0.08, 0.00, 0.74, 0.40
HSL	67°, 59%, 38%
HSV	67°, 74%, 60%
XYZ	22.5895, 28.5111, 6.3201
YIQ	136.2310, 28.5250, -37.8990

Conversions

Conversions Part 2

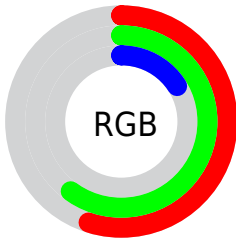
Format	Color
RYB	40, 153, 53
Decimal	9214248
CIELab	60.35, -19.37, 54.20
CIELCh	60, 57.555, 109.669
Yxy	28.5111, 0.3934, 0.4965
Android (android.graphics.Color)	4287404328 (0xFF8C9928)
YUV	136.2310, -47.4419, 3.3054
Hunter-Lab	53.3958, -17.9268, 30.3593

Details

The XYZ color **22.5895, 28.5111, 6.3201** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.9777, 4.5750, 30.6013**, and the grayscale version is **23.6541, 24.8859, 27.1008**.

A 20% lighter version of the original color is **47.0982, 57.1696, 19.1422**, and **8.5891, 11.4812, 1.7634** is the 20% darker color. If you saturate the color by 10%, you get **22.0850, 28.2763, 5.1969**, and if you desaturate by 10%, it is **23.2031, 28.7921, 7.9874**.

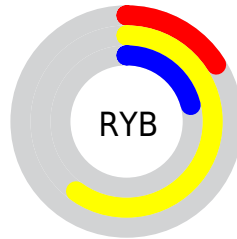
Distribution



Red (55%)

Green (60%)

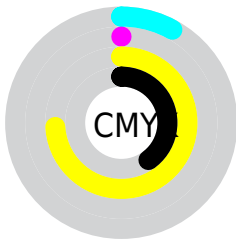
Blue (16%)



Red (16%)

Yellow (60%)

Blue (21%)

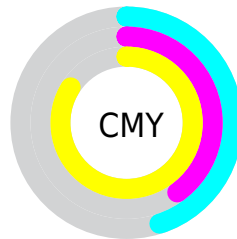


Cyan (8%)

Magenta (0%)

Yellow (74%)

Black (40%)



Cyan (45%)


Magenta (40%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.5895, 28.5111, 6.3201 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 22.5895, 28.5111, 6.3201 by changing the saturation by 10% instead.


 22.5895, 28.5111,
6.3201


 22.5895, 28.5111,
6.3201


258.1844,
294.9011, 171.2990


 14.4097, 18.7113,
2.9688


 47.1900, 57.2994,
19.0808


 8.4898, 11.4618,
1.0787


 64.3415, 77.0567,
29.3272

 4.4643, 6.3784,
0.0000


 85.2142, 100.9019,
42.7091

 1.9680, 3.0765,
0.0000

 110.1736,
129.2195, 59.6449

 0.6159, 1.1718,
0.0000

 139.5849,
162.3938, 80.5533

 0.0000, 0.0385,
0.0000


 173.8136,


 0.0000, 0.0000,


200.8093, 105.8527


0.0000


213.2250,
244.8503, 135.9618


 22.5895, 28.5111,
6.3201

 22.5895, 28.5111,
6.3201


 22.0850, 28.2763,
5.1969


 23.2031, 28.7921,
7.9874


 21.6746, 28.0787,
4.5474

 23.9348, 29.1199,
10.2542

 21.4474, 27.9676,
4.2679

 24.7946, 29.4995,
13.1713

 25.7913, 29.9344,
16.7835

 26.9324, 30.4276,
21.1315

■ 28.2253, 30.9821,
26.2530

■ 29.6766, 31.6005,
32.1832

■ 31.2925, 32.2853,
38.9550

■ 33.0791, 33.0390,
46.5996

Harmonies

Analogous

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



29.7296, 28.5111, 5.7447



22.5895, 28.5111, 6.3201



17.6410, 28.5111, 11.4438

Triad

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



22.5895, 28.5111, 6.3201



18.8991, 28.5111, 73.5812



43.6314, 28.5111, 38.9339

Complementary

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



22.5895, 28.5111, 6.3201



7.9777, 4.5750, 30.6013

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.



39.4470, 28.5111, 65.5589



22.5895, 28.5111, 6.3201



24.6282, 28.5111, 90.8057

Square

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



22.5895, 28.5111, 6.3201



15.7942, 28.5111, 46.8654



32.1718, 28.5111, 87.3415



42.8136, 28.5111, 19.2561

Rectangle

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



22.5895, 28.5111, 6.3201



15.8335, 28.5111, 18.9362



32.1718, 28.5111, 87.3415



42.7374, 28.5111, 47.4498

Sweetspot

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



22.5902, 28.5124, 6.3207



48.5421, 54.6236, 39.0579



14.7178, 9.3202, 3.0311



10.6009, 12.0107, 8.1665



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.5902, 28.5124, 6.3207



39.0257, 50.3859, 8.4215



15.5398, 24.8778, 5.9907



6.6389, 7.1868, 6.6431



17.7428, 23.1226, 3.5280



0.2825, 0.3546, 0.0536

Inverse Universe

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



7.9777, 4.5750, 30.6013



11.5469, 5.1856, 54.3643



12.6696, 6.9938, 30.8208



5.9472, 6.0587, 7.7850



4.9682, 2.0122, 25.0342



0.0894, 0.0379, 0.3750

Previews

White Background



This preview shows how the XYZ color 22.5895, 28.5111, 6.3201 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 22.5895, 28.5111, 6.3201 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 22.5895, 28.5111, 6.3201

Background



This preview shows how black text looks on a background with the XYZ color 22.5895, 28.5111, 6.3201.



This preview shows how white text looks on a background with the XYZ color 22.5895, 28.5111,

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

22.5895, 28.5111, 6.3201

Protanopia

25.7330, 28.4842, 5.9755

Deuteranopia

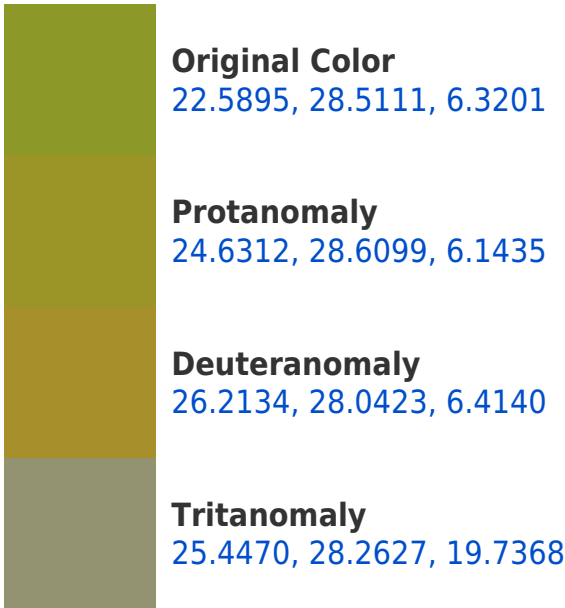
28.8730, 28.3193, 6.5292



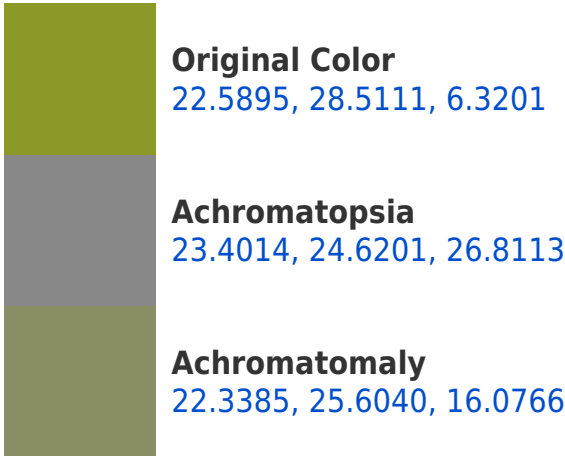
Tritanopia

28.4177, 28.5573, 34.5862

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5895, 28.5111, 6.3201 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(140, 153, 40)` looks like.

```
.text, #text, p{  
    color:rgb(140, 153, 40)  
}
```

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(140, 153, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 153, 40) }
```

Border

The CSS property to change the border of an element to XYZ 22.5895, 28.5111, 6.3201 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(140, 153, 40) }
```


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

```
.border{ border-color:rgb(140, 153, 40) }
```

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

Here you see how a box with a 4 pixel rgb(140, 153, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 153, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 153, 40);  
box-shadow:4px 4px 4px 4px rgb(140, 153,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5895, 28.5111, 6.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 153, 40) }
```

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

```
.background{ background-color: rgb(140,  
153, 40) }
```

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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