

Converting Colors

XYZ(17.6436, 22.1483, 1.9187)

Have a look what the booklet for
XYZ(17.6436, 22.1483, 1.9187)
contains.

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Color

**XYZ(18.0101, 22.3541,
3.3655)**

Conversions

Conversions Part 1

Format	Color
Hex	828800
RGB	130, 136, 0
RGB Percent	51%, 53%, 0%
CMY	0.4902, 0.4667, 1.0000
CMYK	0.04, 0.00, 1.00, 0.47
HSL	63°, 100%, 27%
HSV	63°, 100%, 53%
XYZ	18.0101, 22.3541, 3.3655
YIQ	118.7020, 40.0800, -43.5680

Conversions

Conversions Part 2

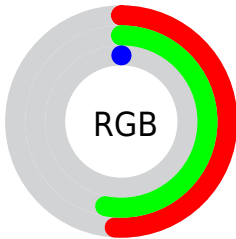
Format	Color
RYB	0, 136, 6
Decimal	8554496
CIELab	54.40, -16.27, 58.61
CIELCh	54, 60.829, 105.510
Yxy	22.3541, 0.4119, 0.5112
Android (android.graphics.Color)	4286744576 (0xFF828800)
YUV	118.7020, -58.5201, 9.9083
Hunter-Lab	47.2801, -14.7454, 28.8757

Details

The XYZ color **18.0101, 22.3541, 3.3655** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.5195, 1.8167, 23.4063**, and the grayscale version is **17.6113, 18.5285, 20.1775**.

A 20% lighter version of the original color is **39.4907, 47.2517, 12.5079**, and **6.3884, 8.2334, 1.2525** is the 20% darker color. If you saturate the color by 10%, you get **18.0105, 22.3551, 3.3657**, and if you desaturate by 10%, it is **18.1796, 22.4334, 3.7736**.

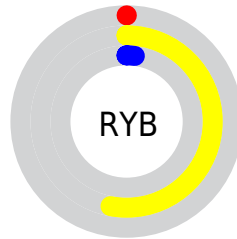
Distribution



Red (51%)

Green (53%)

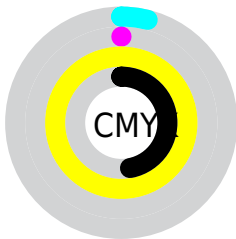
Blue (0%)



Red (0%)

Yellow (53%)

Blue (2%)

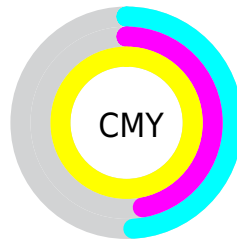


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (49%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0101, 22.3541, 3.3655 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 18.0101, 22.3541, 3.3655 by changing the saturation by 10% instead.

■ 18.0101, 22.3541,
3.3655

■ 18.0101, 22.3541,
3.3655

233.9724,
264.3899, 140.8877

■ 11.0570, 14.1173,
1.2842

■ 39.5845, 47.3306,
12.5177

■ 6.1727, 8.2023,
0.0488

■ 54.9364, 64.8390,
20.4257

■ 2.9921, 4.2247,
0.0000

■ 73.8187, 86.2068,
31.1130

■ 1.1496, 1.8000,
0.0000

■ 96.5967, 111.8184,
44.9981


■ 0.0660, 0.4872,
0.0000


■ 123.6357,
142.0581, 62.4996


■ 0.0000, 0.0000,
0.0000


■ 155.3011,


177.3103, 84.0360


 191.9582,
217.9595, 110.0259


 18.0101, 22.3541,
3.3655


 18.0101, 22.3541,
3.3655


 18.0105, 22.3551,
3.3657

 18.1796, 22.4334,
3.7736

 18.3961, 22.5307,
4.4289

 18.6862, 22.6576,
5.4689

 19.0588, 22.8175,
6.9404

 19.5215, 23.0135,
8.8836

■ 20.0811, 23.2483,
11.3342

■ 20.7437, 23.5244,
14.3242

■ 21.5148, 23.8439,
17.8832

■ 22.3998, 24.2091,
22.0386

Harmonies

Analogous

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



24.6071, 22.3541, 3.3206



18.0101, 22.3541, 3.3655



13.3733, 22.3541, 6.6475

Triad

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



18.0101, 22.3541, 3.3655



13.4917, 22.3541, 60.8889



36.1741, 22.3541, 34.6922

Complementary

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



18.0101, 22.3541, 3.3655



4.5195, 1.8167, 23.4063

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.



31.7274, 22.3541, 60.0446



18.0101, 22.3541, 3.3655



18.2075, 22.3541, 79.7399

Square

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



18.0101, 22.3541, 3.3655



11.1599, 22.3541, 35.4947



24.8500, 22.3541, 79.3688



36.0903, 22.3541, 15.8074

Rectangle

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



18.0101, 22.3541, 3.3655



11.6113, 22.3541, 12.1035



24.8500, 22.3541, 79.3688



35.1248, 22.3541, 42.8788

Sweetspot

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



18.0106, 22.3551, 3.3660



36.4720, 41.4203, 24.8657



10.2033, 5.3331, 0.4919



8.3433, 9.5495, 5.2901



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.0106, 22.3551, 3.3660



31.7029, 39.3760, 5.9294



10.8849, 18.6817, 3.0325



5.4096, 5.8339, 5.3933



17.0475, 21.1583, 3.1855



0.1164, 0.1422, 0.0213

Inverse Universe

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



4.5195, 1.8167, 23.4063



7.9288, 3.1827, 41.2448



7.1571, 3.1764, 23.5297



4.7938, 4.9021, 6.2994



4.2793, 1.7202, 22.1522



0.0308, 0.0126, 0.1473

Previews

White Background



This preview shows how the XYZ color 18.0101, 22.3541, 3.3655 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 18.0101, 22.3541, 3.3655 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 18.0101, 22.3541, 3.3655

Background



This preview shows how black text looks on a background with the XYZ color 18.0101, 22.3541, 3.3655.



This preview shows how white text looks on a background with the XYZ color 18.0101, 22.3541,

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

18.0101, 22.3541, 3.3655

Protanopia

20.0153, 22.1683, 3.2240

Deuteranopia

22.5376, 22.1164, 3.8401



Tritanopia

22.5522, 22.1882, 26.3867

Trichromacy



Original Color

18.0101, 22.3541, 3.3655

Protanomaly

19.2358, 22.1652, 3.2645

Deuteranomaly

20.7473, 22.1454, 3.5965

Tritanomaly

19.8563, 21.8876, 12.1950

Monochromacy



Original Color

18.0101, 22.3541, 3.3655

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.8065, 19.4000, 9.6963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0101, 22.3541, 3.3655 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(130, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(130, 136, 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(130, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 136, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.0101, 22.3541, 3.3655 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(130, 136, 0) }
```


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

```
.border{ border-color:rgb(130, 136, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 136, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(130, 136,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0101, 22.3541, 3.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 136, 0) }
```

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

```
.background{ background-color: rgb(130,  
136, 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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