

Converting Colors

XYZ(22.9906, 35.4856, 5.6377)

Have a look what the booklet for
XYZ(22.9906, 35.4856, 5.6377)
contains.

XYZ(22.9906, 35.4856, 5.6377)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.9906, 35.4856,
5.6377)**

Conversions

Conversions Part 1

Format	Color
Hex	73B200
RGB	115, 178, 0
RGB Percent	45%, 70%, 0%
CMY	0.5490, 0.3019, 0.9999
CMYK	0.35, 0.00, 1.00, 0.30
HSL	81°, 100%, 35%
HSV	81°, 100%, 70%
XYZ	22.9906, 35.4856, 5.6377
YIQ	138.8710, 19.5900, -68.7140

Conversions

Conversions Part 2

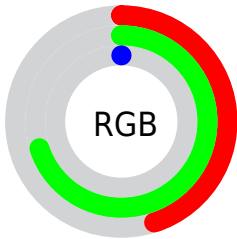
Format	Color
RYB	0, 178, 63
Decimal	7582208
CIELab	66.12, -42.45, 67.05
CIELCh	66, 79.360, 122.339
Yxy	35.4856, 0.3586, 0.5535
Android (android.graphics.Color)	4285772288 (0xFF73B200)
YUV	138.8710, -68.4634, -20.9349
Hunter-Lab	59.5698, -35.3561, 36.0876

Details

The XYZ color **22.9906, 35.4856, 5.6377** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **10.0878, 4.2724, 42.4145**, and the grayscale version is **24.7425, 26.0310, 28.3478**.

A 20% lighter version of the original color is **47.7756, 68.1521, 17.6578**, and **9.0210, 15.5371, 2.5235** is the 20% darker color. If you saturate the color by 10%, you get **22.9904, 35.4867, 5.6379**, and if you desaturate by 10%, it is **23.9562, 35.9721, 6.2452**.

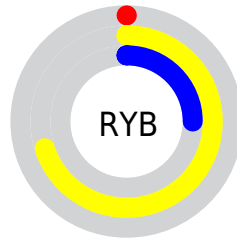
Distribution



Red (45%)

Green (70%)

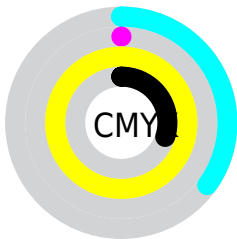
Blue (0%)



Red (0%)

Yellow (70%)

Blue (25%)

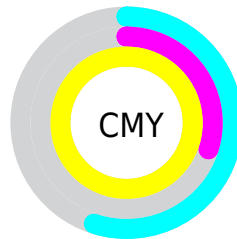


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (30%)



Cyan (55%)

Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9906, 35.4856, 5.6377 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 22.9906, 35.4856, 5.6377 by changing the saturation by 10% instead.

■ 22.9906, 35.4856,
5.6377

■ 22.9906, 35.4856,
5.6377

260.2129,
326.7066, 164.9849

■ 14.7072, 24.0372,
2.5609

■ 47.8447, 68.2374,
17.6386

■ 8.6991, 15.3612,
0.8721

■ 65.1461, 90.3095,
27.3998

■ 4.6010, 9.0733,
0.0000

■ 86.1842, 116.6916,
40.2262

■ 2.0474, 4.7890,
0.0000

■ 111.3244,
147.7682, 56.5363

■ 0.6604, 2.1240,
0.0000

■ 140.9320,
183.9236, 76.7487

■ 0.0000, 0.6781,
0.0000

■ 175.3724,

■ 0.0000, 0.0000,

225.5422, 101.2819

0.0000

215.0109,
273.0084, 130.5544

■ 22.9906, 35.4856,
5.6377

■ 22.9906, 35.4856,
5.6377

■ 22.9904, 35.4867,
5.6379

■ 23.9562, 35.9721,
6.2452

■ 25.0761, 36.5257,
7.3673

■ 26.3895, 37.1636,
9.2014

■ 27.9152, 37.8933,
11.8412

■ 29.6692, 38.7213,
15.3659

■ 31.6659, 39.6535,
19.8455

■ 33.9180, 40.6952,
25.3427

■ 36.4375, 41.8512,
31.9151

■ 39.2353, 43.1260,
39.6158

Harmonies

Analogous

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



32.8107, 35.4856, 3.2912



22.9906, 35.4856, 5.6377



17.3618, 35.4856, 15.6446

Triad

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



22.9906, 35.4856, 5.6377



24.2550, 35.4856, 129.4699



61.8496, 35.4856, 36.0467

Complementary

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



22.9906, 35.4856, 5.6377



10.0878, 4.2724, 42.4145

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.



58.0733, 35.4856, 77.3259



22.9906, 35.4856, 5.6377



34.6622, 35.4856, 146.6867

Square

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



22.9906, 35.4856, 5.6377



17.9632, 35.4856, 84.8503



47.3758, 35.4856, 123.6233



56.7535, 35.4856, 13.2635

Rectangle

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



22.9906, 35.4856, 5.6377



15.8714, 35.4856, 30.6079



47.3758, 35.4856, 123.6233



61.5750, 35.4856, 47.9619

Sweetspot

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



22.9914, 35.4872, 5.6385



61.2771, 73.6896, 45.3794



20.1008, 12.9449, 1.4397



13.1882, 16.1470, 9.0911



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



22.9914, 35.4872, 5.6385



41.4313, 64.2166, 10.2114



16.3658, 32.0715, 5.3284



8.8993, 9.7532, 9.0660



16.5194, 25.4261, 4.0371



0.5803, 0.8312, 0.1299

Inverse Universe

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



10.0878, 4.2724, 42.4145



18.0647, 7.6293, 76.9017



20.8558, 9.8235, 42.9184



8.3164, 8.3716, 10.6839



7.2797, 3.0886, 30.3495



0.2939, 0.1306, 0.9580

Previews

White Background



This preview shows how the XYZ color 22.9906, 35.4856, 5.6377 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 22.9906, 35.4856, 5.6377 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 ✓ Pass

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

XYZ 22.9906, 35.4856, 5.6377

Background



This preview shows how black text looks on a background with the XYZ color 22.9906, 35.4856, 5.6377.



This preview shows how white text looks on a background with the XYZ color 22.9906, 35.4856,

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

22.9906, 35.4856, 5.6377

Protanopia

31.6269, 34.9654, 5.0821

Deuteranopia

35.8887, 35.1344, 6.4802



Tritanopia

31.4233, 35.2333, 47.7923

Trichromacy



Original Color

22.9906, 35.4856, 5.6377

Protanomaly

27.7233, 34.8055, 5.2570

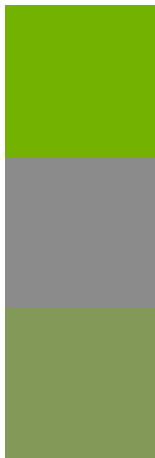
Deuteranomaly

29.4673, 34.0937, 5.7867

Tritanomaly

26.1644, 34.4764, 21.1952

Monochromacy



Original Color

22.9906, 35.4856, 5.6377

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

22.3586, 28.2329, 13.5036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9906, 35.4856, 5.6377 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(115, 178, 0)` looks like.

```
.text, #text, p{  
    color:rgb(115, 178, 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(115, 178, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 178, 0) }
```

Border

The CSS property to change the border of an element to XYZ 22.9906, 35.4856, 5.6377 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(115, 178, 0) }
```


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

```
.border{ border-color:rgb(115, 178, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 178, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 178, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 178, 0);  
box-shadow:4px 4px 4px 4px rgb(115, 178,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9906, 35.4856, 5.6377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 178, 0) }
```

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

```
.background{ background-color: rgb(115,  
178, 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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