

Converting Colors

XYZ(22.2139, 35.0726, 6.1712)

Have a look what the booklet for
XYZ(22.2139, 35.0726, 6.1712)
contains.

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Color

**XYZ(22.2139, 35.0726,
6.1712)**

Conversions

Conversions Part 1

Format	Color
Hex	6CB212
RGB	108, 178, 18
RGB Percent	42%, 70%, 7%
CMY	0.5765, 0.3019, 0.9294
CMYK	0.39, 0.00, 0.90, 0.30
HSL	86°, 82%, 38%
HSV	86°, 90%, 70%
XYZ	22.2139, 35.0726, 6.1712
YIQ	138.8300, 9.6400, -64.6000

Conversions

Conversions Part 2

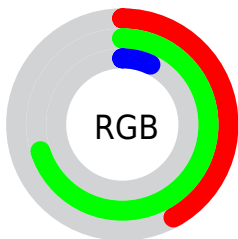
Format	Color
RYB	18, 178, 88
Decimal	7123474
CIELab	65.81, -44.62, 64.22
CIELCh	66, 78.199, 124.793
Yxy	35.0726, 0.3501, 0.5527
Android (android.graphics.Color)	4285313554 (0xFF6CB212)
YUV	138.8300, -59.5692, -27.0379
Hunter-Lab	59.2221, -36.6843, 35.2772

Details

The XYZ color **22.2139, 35.0726, 6.1712** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **12.2789, 5.7231, 42.5790**, and the grayscale version is **24.6959, 25.9820, 28.2944**.

A 20% lighter version of the original color is **46.5012, 67.4695, 18.7557**, and **8.6002, 15.3202, 2.5038** is the 20% darker color. If you saturate the color by 10%, you get **21.2012, 34.5641, 5.5602**, and if you desaturate by 10%, it is **23.4111, 35.6670, 7.3047**.

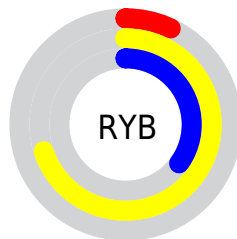
Distribution



Red (42%)

Green (70%)

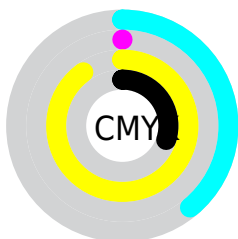
Blue (7%)



Red (7%)

Yellow (70%)

Blue (35%)

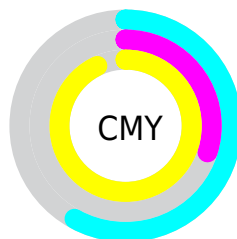


Cyan (39%)

Magenta (0%)

Yellow (90%)

Black (30%)



Cyan (58%)


Magenta (30%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.2139, 35.0726, 6.1712 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 22.2139, 35.0726, 6.1712 by changing the saturation by 10% instead.


 22.2139, 35.0726,
6.1712


 22.2139, 35.0726,
6.1712


256.2727,
324.8887, 169.9483


 14.1316, 23.7188,
2.8790


 46.5755, 67.5982,
18.7690

 8.2946, 15.1252,
1.0332


 63.5855, 89.5388,
28.9116

 4.3374, 8.9073,
0.0000


 84.3022, 115.7772,
42.1749

 1.8947, 4.6807,
0.0000

 109.0909,
146.6977, 58.9772

 0.5738, 2.0612,
0.0000

 138.3169,
182.6846, 79.7371

 0.0000, 0.6427,
0.0000

 172.3457,

 0.0000, 0.0000,

224.1225, 104.8733

0.0000

211.5425,
271.3958, 134.8042

■ 22.2139, 35.0726,
6.1712

■ 22.2139, 35.0726,
6.1712

■ 21.2012, 34.5641,
5.5602

■ 23.4111, 35.6670,
7.3047

■ 21.1897, 34.5584,
5.5536

■ 24.8291, 36.3586,
9.1519

■ 26.4886, 37.1571,
11.8071

■ 28.4065, 38.0694,
15.3494

■ 30.5981, 39.1019,
19.8487

■ 33.0770, 40.2602,
25.3678

■ 35.8560, 41.5497,
31.9642

■ 38.9470, 42.9754,
39.6911

■ 42.3611, 44.5418,
48.5981

Harmonies

Analogous

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



31.5164, 35.0726, 3.4223



22.2139, 35.0726, 6.1712



17.0258, 35.0726, 17.0212

Triad

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



22.2139, 35.0726, 6.1712



24.7538, 35.0726, 129.3078



60.6809, 35.0726, 33.1228

Complementary

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



22.2139, 35.0726, 6.1712



12.2789, 5.7231, 42.5790

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.



57.6981, 35.0726, 72.1305



22.2139, 35.0726, 6.1712



35.2232, 35.0726, 142.8959

Square

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



22.2139, 35.0726, 6.1712



18.2376, 35.0726, 87.1084



47.6600, 35.0726, 117.7056



55.0677, 35.0726, 12.2010

Rectangle

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



22.2139, 35.0726, 6.1712



15.7672, 35.0726, 32.7087



47.6600, 35.0726, 117.7056



60.6600, 35.0726, 44.2476

Sweetspot

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



22.2147, 35.0741, 6.1720



61.1459, 73.5483, 48.7051



21.9062, 16.3811, 2.5801



13.1885, 16.1279, 9.9617



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.



22.2147, 35.0741, 6.1720



38.1560, 62.5281, 10.0581



16.5281, 32.1426, 5.9058



8.8309, 9.7179, 9.0628



15.2340, 24.7635, 3.9769



0.5449, 0.8130, 0.1282

Inverse Universe

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



12.2789, 5.7231, 42.5790



19.9994, 8.6267, 76.9922



24.2606, 11.8999, 43.1397



8.3830, 8.4060, 10.6870



8.0608, 3.4913, 30.3860



0.3210, 0.1446, 0.9592

Previews

White Background



This preview shows how the XYZ color 22.2139, 35.0726, 6.1712 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 22.2139, 35.0726, 6.1712 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 22.2139, 35.0726, 6.1712

Background



This preview shows how black text looks on a background with the XYZ color 22.2139, 35.0726, 6.1712.



This preview shows how white text looks on a background with the XYZ color 22.2139, 35.0726,

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

22.2139, 35.0726, 6.1712

Protanopia

31.0379, 34.3997, 5.2624

Deuteranopia

35.2522, 34.5591, 6.7320



Tritanopia

30.6750, 35.1163, 47.8092

Trichromacy



Original Color

22.2139, 35.0726, 6.1712

Protanomaly

26.8394, 34.0713, 5.5097

Deuteranomaly

28.9285, 33.8042, 6.2965

Tritanomaly

25.6500, 34.1705, 23.0130

Monochromacy



Original Color

22.2139, 35.0726, 6.1712

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

22.3589, 28.1979, 15.0908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2139, 35.0726, 6.1712 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(108, 178, 18)` looks like.

```
.text, #text, p{  
    color:rgb(108, 178, 18)  
}
```

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(108, 178, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 178, 18) }
```

Border

The CSS property to change the border of an element to XYZ 22.2139, 35.0726, 6.1712 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(108, 178, 18) }
```


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

```
.border{ border-color:rgb(108, 178, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 178, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 178, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 178, 18);  
box-shadow:4px 4px 4px 4px rgb(108, 178,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2139, 35.0726, 6.1712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 178, 18) }
```

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

```
.background{ background-color: rgb(108,  
178, 18) }
```

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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