

Converting Colors

XYZ(22.2612, 34.9974, 6.5212)

Have a look what the booklet for
XYZ(22.2612, 34.9974, 6.5212)
contains.

XYZ(22.2802, 35.0991, 6.5202)	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(22.2802, 35.0991,
6.5202)**

Conversions

Conversions Part 1

Format	Color
Hex	6CB219
RGB	108, 178, 25
RGB Percent	42%, 70%, 10%
CMY	0.5765, 0.3019, 0.9019
CMYK	0.39, 0.00, 0.86, 0.30
HSL	87°, 75%, 40%
HSV	87°, 86%, 70%
XYZ	22.2802, 35.0991, 6.5202
YIQ	139.6280, 7.3930, -62.4230

Conversions

Conversions Part 2

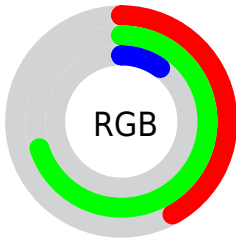
Format	Color
RYB	25, 178, 95
Decimal	7123481
CIELab	65.83, -44.40, 62.83
CIELCh	66, 76.939, 125.249
Yxy	35.0991, 0.3487, 0.5493
Android (android.graphics.Color)	4285313561 (0xFF6CB219)
YUV	139.6280, -56.5116, -27.7378
Hunter-Lab	59.2445, -36.5490, 34.9459

Details

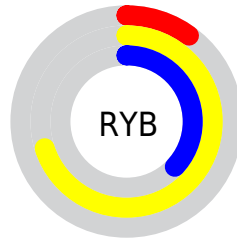
The XYZ color **22.2802, 35.0991, 6.5202** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **13.1047, 6.3437, 42.6552**, and the grayscale version is **24.9942, 26.2959, 28.6362**.

A 20% lighter version of the original color is **46.6196, 67.5169, 19.3790**, and **8.6490, 15.3453, 2.5061** is the 20% darker color. If you saturate the color by 10%, you get **21.2001, 34.5591, 5.7602**, and if you desaturate by 10%, it is **23.5754, 35.7382, 7.9228**.

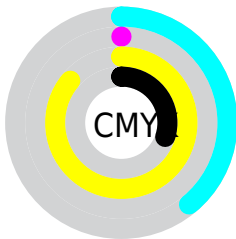
Distribution



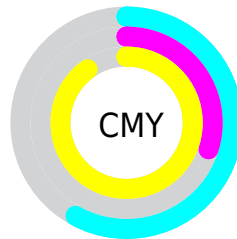
- Red (42%)
- Green (70%)
- Blue (10%)



- Red (10%)
- Yellow (70%)
- Blue (37%)



- Cyan (39%)
- Magenta (0%)
- Yellow (86%)
- Black (30%)





- Cyan (58%)
- Magenta (30%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.2802, 35.0991, 6.5202 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 22.2802, 35.0991, 6.5202 by changing the saturation by 10% instead.


 22.2802, 35.0991,
6.5202


 22.2802, 35.0991,
6.5202


256.6110,
325.0055, 173.0920


 14.1807, 23.7392,
3.0900


 46.6841, 67.6393,
19.4974

 8.3290, 15.1403,
1.1408


 63.7192, 89.5883,
29.8816

 4.3597, 8.9179,
0.0000


 84.4635, 115.8359,
43.4208

 1.9076, 4.6877,
0.0000

 109.2824,
146.7664, 60.5336

 0.5812, 2.0652,
0.0000

 138.5412,
182.7643, 81.6386

 0.0000, 0.6449,
0.0000

 172.6054,

 0.0000, 0.0000,

224.2138, 107.1543

0.0000

211.8402,
271.4994, 137.4993

■ 22.2802, 35.0991,
6.5202

■ 22.2802, 35.0991,
6.5202

■ 21.2001, 34.5591,
5.7602

■ 23.5754, 35.7382,
7.9228

■ 20.8038, 34.3594,
5.5356

■ 25.1070, 36.4817,
10.0783

■ 26.8947, 37.3388,
13.0746

■ 28.9551, 38.3165,
16.9869

■ 31.3030, 39.4210,
21.8819

■ 33.9519, 40.6579,
27.8203

■ 36.9146, 42.0325,
34.8578

■ 40.2027, 43.5497,
43.0461

■ 43.8274, 45.2143,
52.4337

Harmonies

Analogous

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



31.4029, 35.0991, 3.6457



22.2802, 35.0991, 6.5202



17.2022, 35.0991, 17.5611

Triad

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



22.2802, 35.0991, 6.5202



25.0294, 35.0991, 127.7648



60.1663, 35.0991, 32.7773

Complementary

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



22.2802, 35.0991, 6.5202



13.1047, 6.3437, 42.6552

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.



57.3747, 35.0991, 70.8273



22.2802, 35.0991, 6.5202



35.3981, 35.0991, 140.4169

Square

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



22.2802, 35.0991, 6.5202



18.5188, 35.0991, 86.8527



47.6138, 35.0991, 115.3972



54.5550, 35.0991, 12.2972

Rectangle

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



22.2802, 35.0991, 6.5202



15.9904, 35.0991, 33.2687



47.6138, 35.0991, 115.3972



60.1908, 35.0991, 43.6331

Sweetspot

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



22.2810, 35.1006, 6.5210



61.3137, 73.6093, 49.8638



22.5265, 17.5155, 3.1138



13.2082, 16.1330, 10.1900



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.



22.2810, 35.1006, 6.5210



37.4563, 62.1674, 10.0254



16.7130, 32.2302, 6.2604



8.8147, 9.7095, 9.0621



14.9580, 24.6212, 3.9640



0.5369, 0.8089, 0.1278

Inverse Universe

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



13.1047, 6.3437, 42.6552



20.5374, 8.9040, 77.0174



25.0383, 12.4957, 43.2137



8.3991, 8.4142, 10.6878



8.2760, 3.6022, 30.3961



0.3279, 0.1482, 0.9595

Previews

White Background



This preview shows how the XYZ color 22.2802, 35.0991, 6.5202 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 22.2802, 35.0991, 6.5202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

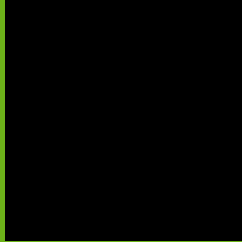
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 22.2802, 35.0991, 6.5202

Background



This preview shows how black text looks on a background with the XYZ color 22.2802, 35.0991, 6.5202.



This preview shows how white text looks on a background with the XYZ color 22.2802, 35.0991,

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

22.2802, 35.0991, 6.5202

Protanopia

31.2788, 34.7723, 5.6793

Deuteranopia

35.3039, 34.5797, 7.0043



Tritanopia

30.6750, 35.1163, 47.8092

Trichromacy



Original Color

22.2802, 35.0991, 6.5202

Protanomaly

27.0909, 34.4639, 5.9338

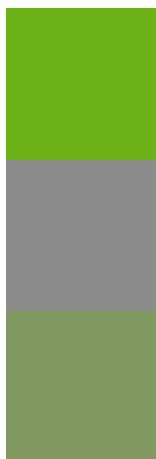
Deuteranomaly

28.9997, 33.8326, 6.6710

Tritanomaly

25.8350, 34.2445, 23.9871

Monochromacy



Original Color

22.2802, 35.0991, 6.5202

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

22.6623, 28.5822, 15.8778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2802, 35.0991, 6.5202 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, 25)` looks like.

```
.text, #text, p{  
    color:rgb(108, 178, 25)  
}
```

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, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 178, 25) }
```

Border

The CSS property to change the border of an element to XYZ 22.2802, 35.0991, 6.5202 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, 25) }
```


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

```
.border{ border-color:rgb(108, 178, 25) }
```

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, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 178, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 178, 25);  
box-shadow:4px 4px 4px 4px rgb(108, 178,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2802, 35.0991, 6.5202 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, 25) }
```

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

```
.background{ background-color: rgb(108,  
178, 25) }
```

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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