

Converting Colors

XYZ(11.8997, 13.5773, 2.2506)

Have a look what the booklet for
XYZ(11.8997, 13.5773, 2.2506)
contains.

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Color

**XYZ(11.9109, 13.6336,
2.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	716909
RGB	113, 105, 9
RGB Percent	44%, 41%, 4%
CMY	0.5569, 0.5882, 0.9647
CMYK	0.00, 0.07, 0.92, 0.56
HSL	55°, 85%, 24%
HSV	55°, 92%, 44%
XYZ	11.9109, 13.6336, 2.2622
YIQ	96.4480, 35.5840, -28.1600

Conversions

Conversions Part 2

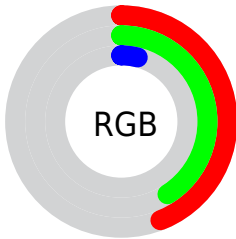
Format	Color
R_YB	18, 113, 9
Decimal	7432457
CIE Lab	43.70, -7.13, 47.95
CIE LCh	44, 48.481, 98.456
Yxy	13.6336, 0.4283, 0.4903
Android (android.graphics.Color)	4285622537 (0xFF716909)
YUV	96.4480, -43.1119, 14.5161
Hunter-Lab	36.9237, -7.0357, 22.2141

Details

The XYZ color **11.9109, 13.6336, 2.2622** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.2938, 1.6513, 15.7677**, and the grayscale version is **11.3234, 11.9131, 12.9734**.

A 20% lighter version of the original color is **28.9911, 32.4834, 9.7430**, and **3.4375, 4.0182, 0.5944** is the 20% darker color. If you saturate the color by 10%, you get **11.7916, 13.4740, 1.9793**, and if you desaturate by 10%, it is **12.0798, 13.8440, 2.7116**.

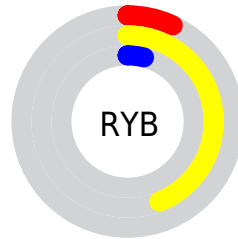
Distribution



Red (44%)

Green (41%)

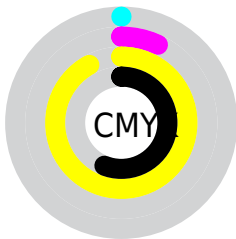
Blue (4%)



Red (7%)

Yellow (44%)

Blue (4%)

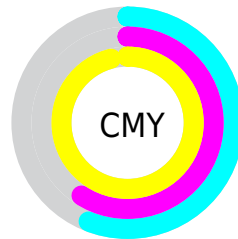


Cyan (0%)

Magenta (7%)

Yellow (92%)

Black (56%)



Cyan (56%)

Magenta (59%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9109, 13.6336, 2.2622 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 11.9109, 13.6336, 2.2622 by changing the saturation by 10% instead.

■ 11.9109, 13.6336,
2.2622

■ 11.9109, 13.6336,
2.2622

197.5965,
214.9394, 126.3239

■ 6.7548, 7.8663,
0.7099

■ 28.9510, 32.4375,
9.7460

■ 3.3542, 4.0095,
0.0000

■ 41.5657, 46.2428,
16.5363

■ 1.3437, 1.6789,
0.0000

■ 57.3973, 63.4963,
25.9169

■ 0.2156, 0.4099,
0.0000


■ 76.8112, 84.5823,
38.3064


■ 0.0000, 0.0000,
0.0000


■ 100.1727,
109.8852, 54.1233


■ 127.8472,


139.7894, 73.7862


 160.2000,
174.6793, 97.7135


 11.9109, 13.6336,
2.2622


 11.9109, 13.6336,
2.2622


 11.7916, 13.4740,
1.9793

 12.0798, 13.8440,
2.7116

 12.2961, 14.0743,
3.4071

 12.5658, 14.3274,
4.3795

 12.8938, 14.6053,
5.6548

 13.2846, 14.9098,
7.2557

■ 13.7419, 15.2423,
9.2028

■ 14.2695, 15.6044,
11.5151

■ 14.8706, 15.9974,
14.2101

■ 15.5483, 16.4226,
17.3041

Harmonies

Analogous

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



15.8380, 13.6336, 2.6339



11.9109, 13.6336, 2.2622



8.9164, 13.6336, 3.7328

Triad

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



11.9109, 13.6336, 2.2622



8.0277, 13.6336, 32.0832



21.0339, 13.6336, 23.9557

Complementary

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



11.9109, 13.6336, 2.2622



3.2938, 1.6513, 15.7677

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.



18.0676, 13.6336, 38.0722



11.9109, 13.6336, 2.2622



10.4507, 13.6336, 44.1487

Square

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



11.9109, 13.6336, 2.2622



6.9802, 13.6336, 18.1476



14.0654, 13.6336, 46.7574



21.6362, 13.6336, 11.9690

Rectangle

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



11.9109, 13.6336, 2.2622



7.6652, 13.6336, 6.3534



14.0654, 13.6336, 46.7574



20.2557, 13.6336, 28.7433

Sweetspot

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



11.9112, 13.6342, 2.2625



24.9037, 27.5015, 17.7649



7.0142, 3.7487, 0.9122



5.6890, 6.3109, 3.8027



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.9112, 13.6342, 2.2625



21.0734, 24.0441, 3.5303



8.4563, 13.1196, 2.3452



3.6210, 3.8745, 3.6303



13.3697, 15.2718, 2.2431



66.3162, 75.5076, 11.0792

Inverse Universe

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



3.2938, 1.6513, 15.7677



5.4614, 2.3829, 28.1476



4.5119, 2.1267, 15.7952



3.2363, 3.3379, 4.2279



3.4811, 1.5525, 17.8378



17.0758, 7.2034, 88.7695

Previews

White Background



This preview shows how the XYZ color 11.9109, 13.6336, 2.2622 looks on a white 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

Black 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

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

XYZ 11.9109, 13.6336, 2.2622

Background



This preview shows how black text looks on a background with the XYZ color 11.9109, 13.6336, 2.2622.



This preview shows how white text looks on a background with the XYZ color 11.9109, 13.6336,

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

11.9109, 13.6336, 2.2622

Protanopia

12.3303, 13.7001, 2.2242

Deuteranopia

13.8213, 13.5981, 2.3864



Tritanopia

14.5252, 13.6772, 15.2390

Trichromacy



Original Color

11.9109, 13.6336, 2.2622

Protanomaly

12.1966, 13.6312, 2.2180

Deuteranomaly

13.0385, 13.6215, 2.3228

Tritanomaly

13.0953, 13.5315, 7.7160

Monochromacy



Original Color

11.9109, 13.6336, 2.2622

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.8667, 12.1186, 6.6169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9109, 13.6336, 2.2622 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(113, 105, 9)` looks like.

```
.text, #text, p{  
    color:rgb(113, 105, 9)  
}
```

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(113, 105, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 105, 9) }
```

Border

The CSS property to change the border of an element to XYZ 11.9109, 13.6336, 2.2622 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(113, 105, 9) }
```


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

```
.border{ border-color:rgb(113, 105, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 105, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 105, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 105, 9);  
box-shadow:4px 4px 4px 4px rgb(113, 105,  
9) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9109, 13.6336, 2.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 105, 9) }
```

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

```
.background{ background-color: rgb(113,  
105, 9) }
```

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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