

Converting Colors

XYZ(10.8770, 12.9157, 1.5140)

Have a look what the booklet for
XYZ(10.8770, 12.9157, 1.5140)
contains.

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Color

**XYZ(11.0137, 13.0264,
1.9339)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6800
RGB	107, 104, 0
RGB Percent	42%, 41%, 0%
CMY	0.5804, 0.5921, 1.0000
CMYK	0.00, 0.03, 1.00, 0.58
HSL	58°, 100%, 21%
HSV	58°, 100%, 42%
XYZ	11.0137, 13.0264, 1.9339
YIQ	93.0410, 35.1720, -31.7080

Conversions

Conversions Part 2

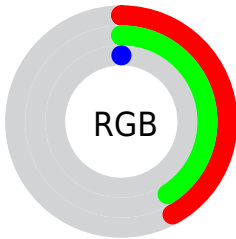
Format	Color
RYB	3, 107, 0
Decimal	7038976
CIELab	42.80, -9.70, 49.20
CIELCh	43, 50.149, 101.150
Yxy	13.0264, 0.4240, 0.5015
Android (android.graphics.Color)	4285229056 (0xFF6B6800)
YUV	93.0410, -45.8692, 12.2420
Hunter-Lab	36.0921, -8.6909, 22.0876

Details

The XYZ color **11.0137, 13.0264, 1.9339** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.6865, 1.1268, 13.9857**, and the grayscale version is **10.5125, 11.0600, 12.0443**.

A 20% lighter version of the original color is **27.4372, 31.4503, 8.8994**, and **3.0387, 3.7385, 0.5614** is the 20% darker color. If you saturate the color by 10%, you get **11.0139, 13.0270, 1.9340**, and if you desaturate by 10%, it is **11.1029, 13.1109, 2.2533**.

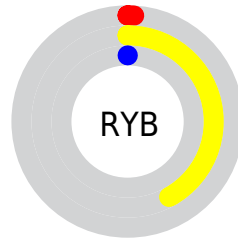
Distribution



Red (42%)

Green (41%)

Blue (0%)



Red (1%)

Yellow (42%)

Blue (0%)

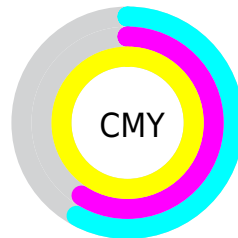


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0137, 13.0264, 1.9339 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 11.0137, 13.0264, 1.9339 by changing the saturation by 10% instead.

■ 11.0137, 13.0264,
1.9339

■ 11.0137, 13.0264,
1.9339

■ 191.6679,
211.0868, 121.3418

■ 6.1434, 7.4467,
0.5142

■ 27.3182, 31.3512,
8.8593

■ 2.9740, 3.7430,
0.0000

■ 39.4832, 44.8651,
15.2684

■ 1.1400, 1.5309,
0.0000

■ 54.8104, 61.7926,
24.1999

■ 0.0582, 0.3103,
0.0000


■ 73.6652, 82.5180,
36.0724


■ 0.0000, 0.0000,
0.0000


■ 96.4130, 107.4257,
51.3042


■ 123.4192,


136.9002, 70.3140


 155.0490,
171.3257, 93.5204


 11.0137, 13.0264,
1.9339


 11.0137, 13.0264,
1.9339


 11.0139, 13.0270,
1.9340

 11.1029, 13.1109,
2.2533

 11.2137, 13.2038,
2.6870

 11.3671, 13.3138,
3.3448

 11.5680, 13.4431,
4.2520

 11.8205, 13.5931,
5.4303

■ 12.1282, 13.7654,
6.8991

■ 12.4946, 13.9613,
8.6761

■ 12.9226, 14.1821,
10.7775

■ 13.4153, 14.4289,
13.2184

Harmonies

Analogous

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



14.9106, 13.0264, 2.1342



11.0137, 13.0264, 1.9339



8.1475, 13.0264, 3.5052

Triad

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



11.0137, 13.0264, 1.9339



7.6309, 13.0264, 33.0306



20.7198, 13.0264, 22.1283

Complementary

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



11.0137, 13.0264, 1.9339



2.6865, 1.1268, 13.9857

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.



17.8741, 13.0264, 36.6676



11.0137, 13.0264, 1.9339



10.1553, 13.0264, 44.8811

Square

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



11.0137, 13.0264, 1.9339



6.4799, 13.0264, 18.6555



13.8575, 13.0264, 46.4763



21.0819, 13.0264, 10.4903

Rectangle

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



11.0137, 13.0264, 1.9339



6.9953, 13.0264, 6.2589



13.8575, 13.0264, 46.4763



19.9982, 13.0264, 26.9559

Sweetspot

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



11.0140, 13.0270, 1.9342



22.3133, 24.9683, 15.2420



6.0830, 3.1337, 0.3869



5.3481, 6.0155, 3.4327



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.0140, 13.0270, 1.9342



19.7070, 23.2964, 3.4580



6.9490, 11.3872, 1.8319



3.3262, 3.5697, 3.3312



13.3955, 15.8407, 2.3515



68.1447, 80.4930, 11.9451

Inverse Universe

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



2.6865, 1.1268, 13.9857



4.7947, 1.9861, 25.0383



3.9662, 1.7382, 14.0362



2.9546, 3.0375, 3.8654



3.2642, 1.3627, 17.0132



16.5253, 6.7292, 86.6541

Previews

White Background



This preview shows how the XYZ color 11.0137, 13.0264, 1.9339 looks on a white background.

Color Contrast Check

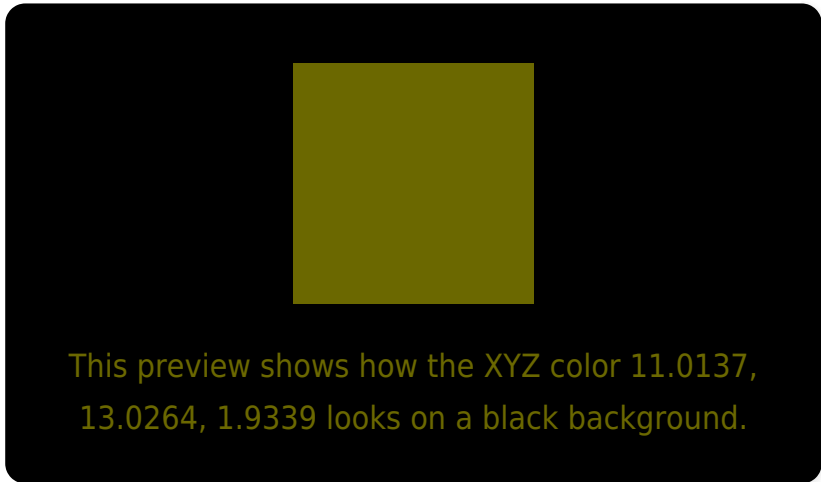
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0137, 13.0264, 1.9339

Background



This preview shows how black text looks on a background with the XYZ color 11.0137, 13.0264, 1.9339.

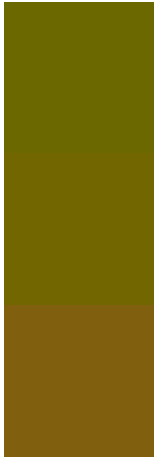


This preview shows how white text looks on a background with the XYZ color 11.0137, 13.0264,

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

11.0137, 13.0264, 1.9339

Protanopia

11.6908, 13.0801, 1.9086

Deuteranopia

13.1712, 12.9894, 2.2650



Tritanopia

13.7128, 13.1263, 14.9076

Trichromacy



Original Color

11.0137, 13.0264, 1.9339

Protanomaly

11.4058, 13.0800, 1.9235

Deuteranomaly

12.2624, 12.9387, 2.1383

Tritanomaly

12.0961, 12.8872, 7.0042

Monochromacy



Original Color

11.0137, 13.0264, 1.9339

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.1011, 11.4618, 5.8176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0137, 13.0264, 1.9339 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(107, 104, 0)` looks like.

```
.text, #text, p{  
    color:rgb(107, 104, 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(107, 104, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 104, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.0137, 13.0264, 1.9339 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(107, 104, 0) }
```


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

```
.border{ border-color:rgb(107, 104, 0) }
```

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

Here you see how a box with a 4 pixel rgb(107, 104, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 104, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 104, 0);  
box-shadow:4px 4px 4px 4px rgb(107, 104,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0137, 13.0264, 1.9339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 104, 0) }
```

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

```
.background{ background-color: rgb(107,  
104, 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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