

Converting Colors

XYZ(11.7963, 14.3749, 1.4354)

Have a look what the booklet for
XYZ(11.7963, 14.3749, 1.4354)
contains.

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Color

**XYZ(11.8826, 14.4031,
2.1538)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6E00
RGB	109, 110, 0
RGB Percent	43%, 43%, 0%
CMY	0.5726, 0.5686, 1.0000
CMYK	0.01, 0.00, 1.00, 0.57
HSL	61°, 100%, 22%
HSV	61°, 100%, 43%
XYZ	11.8826, 14.4031, 2.1538
YIQ	97.1610, 34.7140, -34.4220

Conversions

Conversions Part 2

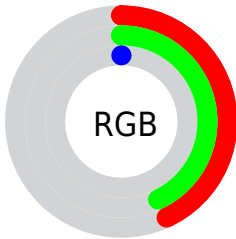
Format	Color
R_{YB}	0, 110, 1
Decimal	7171584
CIE Lab	44.81, -12.08, 50.75
CIE LCh	45, 52.166, 103.390
Yxy	14.4031, 0.4178, 0.5064
Android (android.graphics.Color)	4285361664 (0xFF6D6E00)
YUV	97.1610, -47.9004, 10.3828
Hunter-Lab	37.9514, -10.5266, 23.2012

Details

The XYZ color **11.8826, 14.4031, 2.1538** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.8274, 1.1325, 14.8224**, and the grayscale version is **11.5107, 12.1101, 13.1879**.

A 20% lighter version of the original color is **28.8970, 33.7192, 9.4003**, and **3.4648, 4.4249, 0.6715** is the 20% darker color. If you saturate the color by 10%, you get **11.8829, 14.4038, 2.1539**, and if you desaturate by 10%, it is **11.9557, 14.4343, 2.4728**.

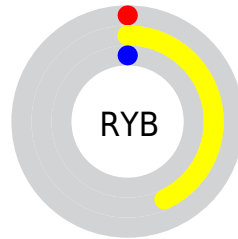
Distribution



Red (43%)

Green (43%)

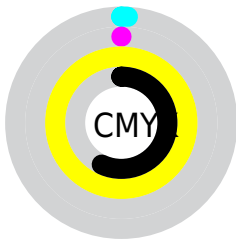
Blue (0%)



Red (0%)

Yellow (43%)

Blue (0%)

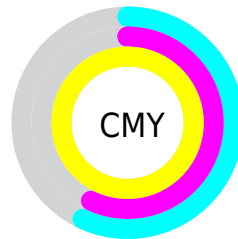


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (57%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8826, 14.4031, 2.1538 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 11.8826, 14.4031, 2.1538 by changing the saturation by 10% instead.

■ 11.8826, 14.4031,
2.1538

■ 11.8826, 14.4031,
2.1538

197.4123,
219.7243, 124.7210

■ 6.7354, 8.4016,
0.6475

■ 28.8998, 33.8026,
9.4572

■ 3.3420, 4.3530,
0.0000

■ 41.5006, 47.9693,
16.1248

■ 1.3371, 1.8729,
0.0000

■ 57.3165, 65.6265,
25.3610

■ 0.2107, 0.5320,
0.0000

■ 76.7131, 87.1587,
37.5845


■ 0.0000, 0.0000,
0.0000


■ 100.0556,
112.9502, 53.2136


■ 127.7094,


143.3853, 72.6671


 160.0399,
178.8486, 96.3634


 11.8826, 14.4031,
2.1538


 11.8826, 14.4031,
2.1538


 11.8829, 14.4038,
2.1539

 11.9557, 14.4343,
2.4728

 12.0525, 14.4745,
2.9180

 12.1946, 14.5327,
3.6018

 12.3872, 14.6112,
4.5510

 12.6346, 14.7116,
5.7892

■ 12.9409, 14.8355,
7.3371

■ 13.3096, 14.9845,
9.2136

■ 13.7440, 15.1597,
11.4362

■ 14.2472, 15.3624,
14.0211

Harmonies

Analogous

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



16.1618, 14.4031, 2.2457



11.8826, 14.4031, 2.1538



8.8071, 14.4031, 4.0804

Triad

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



11.8826, 14.4031, 2.1538



8.5673, 14.4031, 37.8884



23.1119, 14.4031, 23.3713

Complementary

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



11.8826, 14.4031, 2.1538



2.8274, 1.1325, 14.8224

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.



20.1079, 14.4031, 39.5876



11.8826, 14.4031, 2.1538



11.4835, 14.4031, 50.5133

Square

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



11.8826, 14.4031, 2.1538



7.1780, 14.4031, 21.7528



15.6713, 14.4031, 51.2594



23.2808, 14.4031, 10.8618

Rectangle

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



11.8826, 14.4031, 2.1538



7.6047, 14.4031, 7.3602



15.6713, 14.4031, 51.2594



22.3758, 14.4031, 28.6789

Sweetspot

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



11.8829, 14.4038, 2.1541



23.3164, 26.2913, 15.8923



6.4309, 3.3154, 0.3012



5.3766, 6.0982, 3.4472



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.



11.8829, 14.4038, 2.1541



20.8616, 25.2913, 3.7822



7.1521, 11.9650, 1.9327



3.6390, 3.9148, 3.6372



14.2728, 17.3016, 2.5873



71.0563, 86.1649, 12.8864

Inverse Universe

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



2.8274, 1.1325, 14.8224



4.9591, 1.9855, 26.0291



4.3905, 1.9384, 14.8956



3.2202, 3.3018, 4.2218



3.3948, 1.3595, 17.8051



16.8708, 6.7516, 88.6931

Previews

White Background



This preview shows how the XYZ color 11.8826, 14.4031, 2.1538 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



This preview shows how the XYZ color 11.8826, 14.4031, 2.1538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

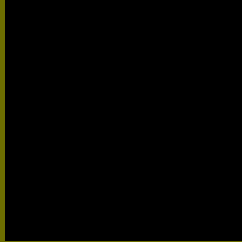
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.8826, 14.4031, 2.1538

Background



This preview shows how black text looks on a background with the XYZ color 11.8826, 14.4031, 2.1538.



This preview shows how white text looks on a background with the XYZ color 11.8826, 14.4031,

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

11.8826, 14.4031, 2.1538

Protanopia

12.8998, 14.3011, 2.0805

Deuteranopia

14.5864, 14.4162, 2.5441



Tritanopia

14.7683, 14.3415, 16.7417

Trichromacy



Original Color

11.8826, 14.4031, 2.1538

Protanomaly

12.4602, 14.2284, 2.0896

Deuteranomaly

13.4682, 14.2848, 2.3640

Tritanomaly

12.9671, 14.0561, 7.8240

Monochromacy



Original Color

11.8826, 14.4031, 2.1538

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.9877, 12.6172, 6.4137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8826, 14.4031, 2.1538 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(109, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(109, 110, 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(109, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 110, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.8826, 14.4031, 2.1538 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(109, 110, 0) }
```


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

```
.border{ border-color:rgb(109, 110, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 110, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(109, 110,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8826, 14.4031, 2.1538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 110, 0) }
```

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

```
.background{ background-color: rgb(109,  
110, 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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