

Converting Colors

XYZ(15.4584, 15.9407, 2.6152)

Have a look what the booklet for
XYZ(15.4584, 15.9407, 2.6152)
contains.

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Color

**XYZ(15.4206, 15.9026,
2.6046)**

Conversions

Conversions Part 1

Format	Color
Hex	876C0C
RGB	135, 108, 12
RGB Percent	53%, 42%, 5%
CMY	0.4706, 0.5765, 0.9529
CMYK	0.00, 0.20, 0.91, 0.47
HSL	47°, 84%, 29%
HSV	47°, 91%, 53%
XYZ	15.4206, 15.9026, 2.6046
YIQ	105.1290, 46.9080, -24.1320

Conversions

Conversions Part 2

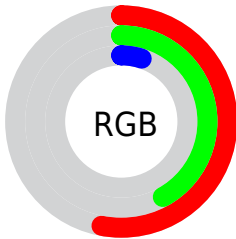
Format	Color
R_{YB}	47, 135, 12
Decimal	8875020
CIE Lab	46.85, 1.81, 50.73
CIE LCh	47, 50.762, 87.952
Yxy	15.9026, 0.4545, 0.4687
Android (android.graphics.Color)	4287065100 (0xFF876C0C)
YUV	105.1290, -45.9126, 26.1969
Hunter-Lab	39.8781, -0.7618, 24.0422

Details

The XYZ color **15.4206, 15.9026, 2.6046** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.2504, 3.2786, 23.2775**, and the grayscale version is **13.5745, 14.2815, 15.5525**.

A 20% lighter version of the original color is **35.1798, 36.4201, 10.6445**, and **5.0621, 5.0868, 0.7151** is the 20% darker color. If you saturate the color by 10%, you get **15.0808, 15.3293, 2.1640**, and if you desaturate by 10%, it is **15.8534, 16.5849, 3.3142**.

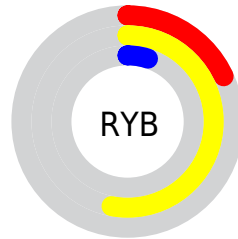
Distribution



Red (53%)

Green (42%)

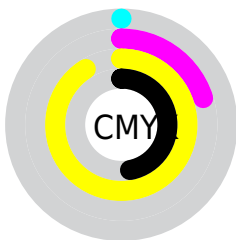
Blue (5%)



Red (18%)

Yellow (53%)

Blue (5%)

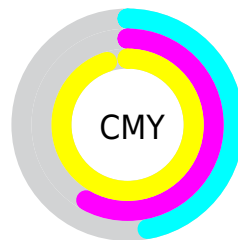


Cyan (0%)

Magenta (20%)

Yellow (91%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4206, 15.9026, 2.6046 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 15.4206, 15.9026, 2.6046 by changing the saturation by 10% instead.

■ 15.4206, 15.9026,
2.6046

■ 15.4206, 15.9026,
2.6046

219.2363,
228.7663, 131.1534

■ 9.2033, 9.4553,
0.8948

■ 35.1550, 36.4290,
10.6361

■ 4.9322, 5.0393,
0.0000

■ 49.4028, 51.2769,
17.7966

■ 2.2419, 2.2703,
0.0000

■ 67.0583, 69.6938,
27.6116

■ 0.7647, 0.7579,
0.0000

■ 88.4866, 92.0640,
40.4996

■ 0.0000, 0.0000,
0.0000

■ 114.0532,
118.7719, 56.8793

■ 144.1235,

150.2020, 77.1691

179.0627,
186.7387, 101.7876

15.4206, 15.9026,
2.6046

15.4206, 15.9026,
2.6046

15.0808, 15.3293,
2.1640

15.8534, 16.5849,
3.3142

16.3673, 17.3162,
4.3997

16.9717, 18.1011,
5.9082

17.6743, 18.9426,
7.8799

18.4819, 19.8439,
10.3502

■ 19.4007, 20.8074,
13.3510

■ 20.4362, 21.8355,
16.9115

■ 21.5939, 22.9306,
21.0590

■ 22.8784, 24.0947,
25.8188

Harmonies

Analogous

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



20.0869, 15.9026, 3.7950



15.4206, 15.9026, 2.6046



11.4716, 15.9026, 3.4876

Triad

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



15.4206, 15.9026, 2.6046



8.7830, 15.9026, 31.4101



23.5216, 15.9026, 33.7039

Complementary

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



15.4206, 15.9026, 2.6046



5.2504, 3.2786, 23.2775

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.



19.4579, 15.9026, 48.9339



15.4206, 15.9026, 2.6046



11.0396, 15.9026, 47.2163

Square

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



15.4206, 15.9026, 2.6046



8.1142, 15.9026, 16.4602



14.8134, 15.9026, 54.7973



25.2961, 15.9026, 18.1994

Rectangle

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



15.4206, 15.9026, 2.6046



9.6424, 15.9026, 5.5958



14.8134, 15.9026, 54.7973



22.3435, 15.9026, 39.2622

Sweetspot

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



15.4210, 15.9034, 2.6049



35.3684, 37.8938, 26.0256



10.5182, 5.5720, 2.5920



8.0697, 8.6535, 5.6162



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.4210, 15.9034, 2.6049



26.8860, 27.2100, 3.8350



14.2326, 20.1909, 3.4951



4.9553, 5.2543, 4.9824



13.9165, 14.1557, 1.9988



0.0535, 0.0597, 0.0087

Inverse Universe

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



5.2504, 3.2786, 23.2775



8.5446, 4.5587, 41.4779



5.5783, 2.5658, 23.1227



4.5113, 4.6982, 5.8698



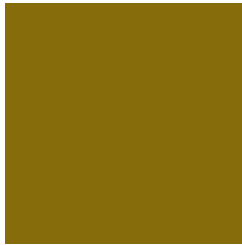
4.4609, 2.4696, 21.3783



0.0200, 0.0177, 0.0756

Previews

White Background



This preview shows how the XYZ color 15.4206, 15.9026, 2.6046 looks on a white background.

Color Contrast Check

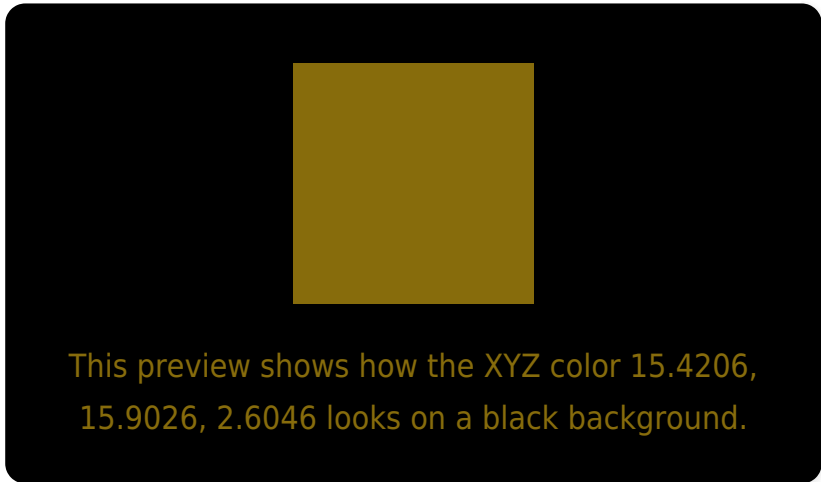
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4206, 15.9026, 2.6046

Background



This preview shows how black text looks on a background with the XYZ color 15.4206, 15.9026, 2.6046.



This preview shows how white text looks on a background with the XYZ color 15.4206, 15.9026,

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

15.4206, 15.9026, 2.6046

Protanopia

14.4710, 16.0530, 2.7166

Deuteranopia

16.2248, 16.0053, 2.6861



Tritanopia

18.2485, 15.8598, 16.2868

Trichromacy



Original Color

15.4206, 15.9026, 2.6046

Protanomaly

14.8103, 16.0651, 2.7010

Deuteranomaly

15.9844, 16.0361, 2.6683

Tritanomaly

16.7003, 15.6705, 8.4478

Monochromacy



Original Color

15.4206, 15.9026, 2.6046

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.4938, 14.4760, 8.0442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4206, 15.9026, 2.6046 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(135, 108, 12)` looks like.

```
.text, #text, p{  
    color:rgb(135, 108, 12)  
}
```

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(135, 108, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 108, 12) }
```

Border

The CSS property to change the border of an element to XYZ 15.4206, 15.9026, 2.6046 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(135, 108, 12) }
```


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

```
.border{ border-color:rgb(135, 108, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 108, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 108, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 108, 12);  
box-shadow:4px 4px 4px 4px rgb(135, 108,  
12) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4206, 15.9026, 2.6046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 108, 12) }
```

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

```
.background{ background-color: rgb(135,  
108, 12) }
```

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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