

Converting Colors

XYZ(11.5134, 9.6764, 2.0690)

Have a look what the booklet for
XYZ(11.5134, 9.6764, 2.0690)
contains.

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Color

**XYZ(11.5728, 9.6832,
2.0697)**

Conversions

Conversions Part 1

Format	Color
Hex	804B17
RGB	128, 75, 23
RGB Percent	50%, 29%, 9%
CMY	0.4980, 0.7059, 0.9098
CMYK	0.00, 0.41, 0.82, 0.50
HSL	30°, 70%, 30%
HSV	30°, 82%, 50%
XYZ	11.5728, 9.6832, 2.0697
YIQ	84.9190, 48.2800, -4.9360

Conversions

Conversions Part 2

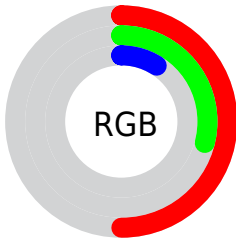
Format	Color
R_{YB}	128, 126, 23
Decimal	8407831
CIE _{Lab}	37.27, 18.22, 38.46
CIE _{LCh}	37, 42.561, 64.657
Yxy	9.6832, 0.4961, 0.4151
Android (android.graphics.Color)	4286597911 (0xFF804B17)
YUV	84.9190, -30.5261, 37.7820
Hunter-Lab	31.1178, 11.9284, 17.8390

Details

The XYZ color **11.5728, 9.6832, 2.0697** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **6.8339, 6.9092, 21.3953**, and the grayscale version is **8.6727, 9.1244, 9.9364**.

A 20% lighter version of the original color is **28.3207, 25.1718, 9.1603**, and **3.2883, 2.3844, 0.2869** is the 20% darker color. If you saturate the color by 10%, you get **11.0580, 8.8118, 1.4110**, and if you desaturate by 10%, it is **12.1945, 10.6694, 3.0699**.

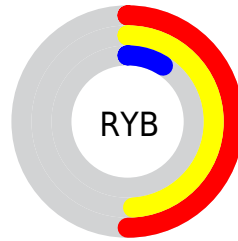
Distribution



Red (50%)

Green (29%)

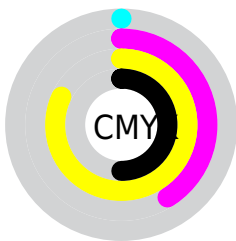
Blue (9%)



Red (50%)

Yellow (49%)

Blue (9%)

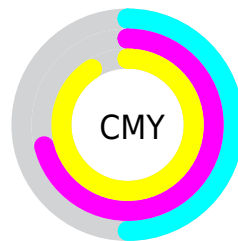


Cyan (0%)

Magenta (41%)

Yellow (82%)

Black (50%)



Cyan (50%)

Magenta (71%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5728, 9.6832, 2.0697 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 11.5728, 9.6832, 2.0697 by changing the saturation by 10% instead.

■ 11.5728, 9.6832,
2.0697

■ 11.5728, 9.6832,
2.0697

195.3845,
188.3958, 123.4499

■ 6.5236, 5.1894,
0.5976

■ 28.3383, 25.1979,
9.2305

■ 3.2097, 2.3588,
0.0000

■ 40.7853, 36.9876,
15.8008

■ 1.2656, 0.8046,
0.0000

■ 56.4289, 51.9781,
24.9225

■ 0.1572, 0.0000,
0.0000

■ 75.6346, 70.5537,
37.0140


■ 0.0000, 0.0000,
0.0000

■ 98.7676, 93.0989,
52.4940


■ 126.1934,


119.9981, 71.7809


 158.2772,
151.6356, 95.2934


 11.5728, 9.6832,
2.0697


 11.5728, 9.6832,
2.0697


 11.0580, 8.8118,
1.4110


 12.1945, 10.6694,
3.0699

 10.7014, 8.1880,
1.0164

 12.9316, 11.7747,
4.4530

 13.7922, 13.0046,
6.2550

 14.7836, 14.3638,
8.5075

 15.9121, 15.8567,
11.2391

■ 17.1837, 17.4875,
14.4760

■ 18.6041, 19.2602,
18.2424

■ 20.1785, 21.1784,
22.5610

■ 21.9119, 23.2457,
27.4532

Harmonies

Analogous

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



14.0882, 9.6832, 4.2116



11.5728, 9.6832, 2.0697



8.7943, 9.6832, 1.6428

Triad

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



11.5728, 9.6832, 2.0697



4.9868, 9.6832, 11.7787



12.4317, 9.6832, 27.7809

Complementary

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



11.5728, 9.6832, 2.0697



6.8339, 6.9092, 21.3953

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.



9.6254, 9.6832, 32.9401



11.5728, 9.6832, 2.0697



5.6028, 9.6832, 21.2684

Square

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



11.5728, 9.6832, 2.0697



5.3096, 9.6832, 5.4314



7.1820, 9.6832, 30.1136



14.6474, 9.6832, 18.1445

Rectangle

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



11.5728, 9.6832, 2.0697



7.2293, 9.6832, 2.0447



7.1820, 9.6832, 30.1136



11.5082, 9.6832, 30.2632

Sweetspot

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



11.5730, 9.6837, 2.0699



29.4317, 29.7436, 23.3624



10.5569, 5.7414, 7.6194



6.7358, 6.7651, 5.0755



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.5730, 9.6837, 2.0699



18.8437, 14.3914, 1.8798



16.5495, 19.6366, 3.7287



4.4899, 4.6686, 4.5846



10.6127, 8.1218, 1.0083



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.8339, 6.9092, 21.3953



10.1737, 9.3099, 37.2170



4.5920, 2.4254, 20.6480



4.2742, 4.5424, 5.4648



5.7168, 5.2521, 20.9624



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.5728, 9.6832, 2.0697 looks on a white background.

Color Contrast Check

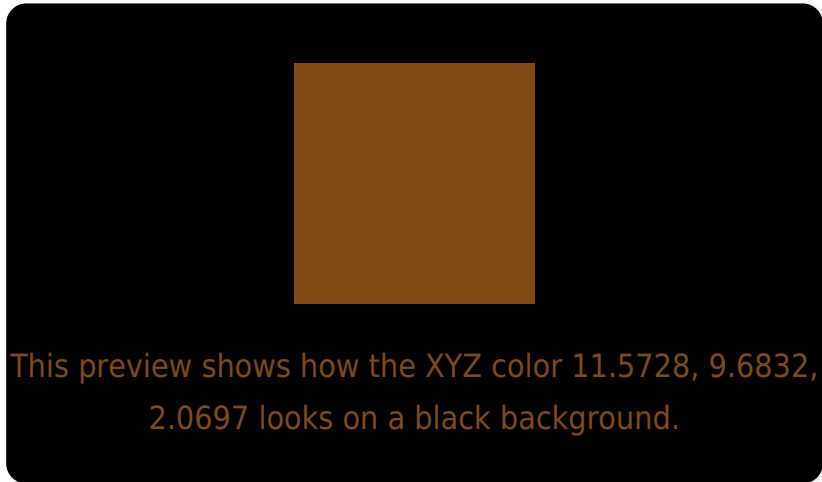
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

XYZ 11.5728, 9.6832, 2.0697

Background



This preview shows how black text looks on a background with the XYZ color 11.5728, 9.6832, 2.0697.



This preview shows how white text looks on a background with the XYZ color 11.5728, 9.6832,

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

11.5728, 9.6832, 2.0697

Protanopia

8.8218, 9.7067, 2.3859

Deuteranopia

9.8434, 9.7672, 1.9825



Tritanopia

12.8202, 9.7136, 7.8558

Trichromacy



Original Color

11.5728, 9.6832, 2.0697

Protanomaly

9.6991, 9.5717, 2.2560

Deuteranomaly

10.4048, 9.7173, 1.9890

Tritanomaly

12.2371, 9.6661, 4.9622

Monochromacy



Original Color

11.5728, 9.6832, 2.0697

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

9.1788, 8.9994, 5.8107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5728, 9.6832, 2.0697 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(128, 75, 23)` looks like.

```
.text, #text, p{  
    color:rgb(128, 75, 23)  
}
```

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(128, 75, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 75, 23) }
```

Border

The CSS property to change the border of an element to XYZ 11.5728, 9.6832, 2.0697 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(128, 75, 23) }
```


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

```
.border{ border-color:rgb(128, 75, 23) }
```

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

Here you see how a box with a 4 pixel rgb(128, 75, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 75, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 75, 23);  
box-shadow:4px 4px 4px 4px rgb(128, 75,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5728, 9.6832, 2.0697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 75, 23) }
```

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

```
.background{ background-color: rgb(128, 75,  
23) }
```

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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