

Converting Colors

XYZ(10.2766, 8.9913, 1.7966)

Have a look what the booklet for
XYZ(10.2766, 8.9913, 1.7966)
contains.

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Color

**XYZ(10.2414, 9.0011,
1.8137)**

Conversions

Conversions Part 1

Format	Color
Hex	774B13
RGB	119, 75, 19
RGB Percent	47%, 29%, 7%
CMY	0.5333, 0.7059, 0.9255
CMYK	0.00, 0.37, 0.84, 0.53
HSL	34°, 72%, 27%
HSV	34°, 84%, 47%
XYZ	10.2414, 9.0011, 1.8137
YIQ	81.7720, 44.2000, -8.0880

Conversions

Conversions Part 2

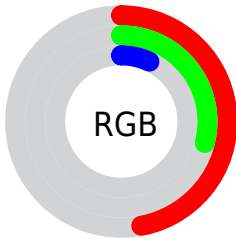
Format	Color
R_{YB}	98, 119, 19
Decimal	7818003
CIE _{Lab}	35.99, 13.85, 38.55
CIE _{LCh}	36, 40.965, 70.243
Yxy	9.0011, 0.4864, 0.4275
Android (android.graphics.Color)	4286008083 (0xFF774B13)
YUV	81.7720, -30.9466, 32.6490
Hunter-Lab	30.0018, 8.4294, 17.4170

Details

The XYZ color **10.2414, 9.0011, 1.8137** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **5.3758, 5.0252, 18.1394**, and the grayscale version is **8.0284, 8.4465, 9.1983**.

A 20% lighter version of the original color is **25.9000, 23.9345, 8.5649**, and **2.7368, 2.1382, 0.2685** is the 20% darker color. If you saturate the color by 10%, you get **9.8223, 8.2888, 1.2861**, and if you desaturate by 10%, it is **10.7400, 9.7927, 2.6137**.

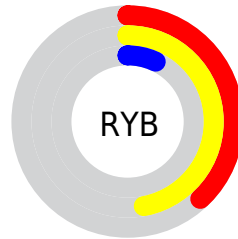
Distribution



Red (47%)

Green (29%)

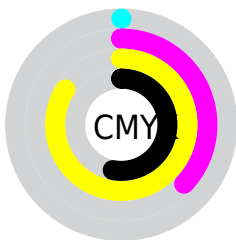
Blue (7%)



Red (38%)

Yellow (47%)

Blue (7%)

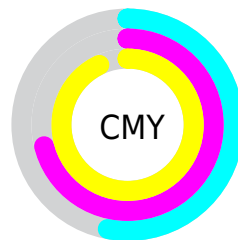


Cyan (0%)

Magenta (37%)

Yellow (84%)

Black (53%)



Cyan (53%)

Magenta (71%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2414, 9.0011, 1.8137 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 10.2414, 9.0011, 1.8137 by changing the saturation by 10% instead.

10.2414, 9.0011,
1.8137

10.2414, 9.0011,
1.8137

186.4042,
183.3861, 119.4134

5.6228, 4.7419,
0.4370

25.8941, 23.8989,
8.5249

2.6556, 2.0966,
0.0000

37.6590, 35.3063,
14.7868

0.9744, 0.6627,
0.0000

52.5366, 49.8651,
23.5442

0.0000, 0.0000,
0.0000


70.8924, 67.9599,
35.2157

93.0917, 89.9750,
50.2198


119.4999,

116.2948, 68.9751


 150.4823,
147.3037, 91.9001


 10.2414, 9.0011,
1.8137


 10.2414, 9.0011,
1.8137


 9.8223, 8.2888,
1.2861


 10.7400, 9.7927,
2.6137

 9.5937, 7.8939,
1.0180

 11.3262, 10.6669,
3.7285

 12.0066, 11.6277,
5.1886

 12.7869, 12.6783,
7.0210

 13.6723, 13.8219,
9.2497

■ 14.6675, 15.0613,
11.8969

■ 15.7770, 16.3992,
14.9828

■ 17.0049, 17.8382,
18.5268

■ 18.3551, 19.3806,
22.5466

Harmonies

Analogous

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



12.6599, 9.0011, 3.4303



10.2414, 9.0011, 1.8137



7.7477, 9.0011, 1.6327

Triad

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



10.2414, 9.0011, 1.8137



4.7188, 9.0011, 12.3897



11.9586, 9.0011, 24.0525

Complementary

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



10.2414, 9.0011, 1.8137



5.3758, 5.0252, 18.1394

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.



9.4171, 9.0011, 29.8636



10.2414, 9.0011, 1.8137



5.4503, 9.0011, 21.2975

Square

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



10.2414, 9.0011, 1.8137



4.8555, 9.0011, 5.9239



7.0652, 9.0011, 28.6675



13.7746, 9.0011, 15.0810

Rectangle

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



10.2414, 9.0011, 1.8137



6.4029, 9.0011, 2.1721



7.0652, 9.0011, 28.6675



11.1428, 9.0011, 26.5966

Sweetspot

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



10.2416, 9.0016, 1.8139



25.9663, 26.6031, 20.4921



8.7661, 4.7579, 5.3070



6.0308, 6.1526, 4.5264



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.2416, 9.0016, 1.8139



17.0406, 13.8576, 1.7766



13.6538, 16.8181, 3.1428



3.8382, 4.0093, 3.9139



10.1832, 8.3676, 1.0784



48.7593, 39.0471, 4.9670

Inverse Universe

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



5.3758, 5.0252, 18.1394



8.0564, 6.5725, 32.0971



3.9394, 1.9919, 17.6296



3.6209, 3.8304, 4.6387



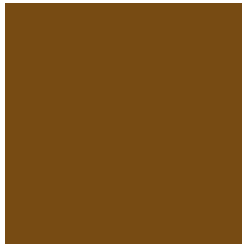
4.8500, 4.0397, 19.0667



22.8102, 18.0369, 92.6395

Previews

White Background



This preview shows how the XYZ color 10.2414, 9.0011, 1.8137 looks on a white background.

Color Contrast Check

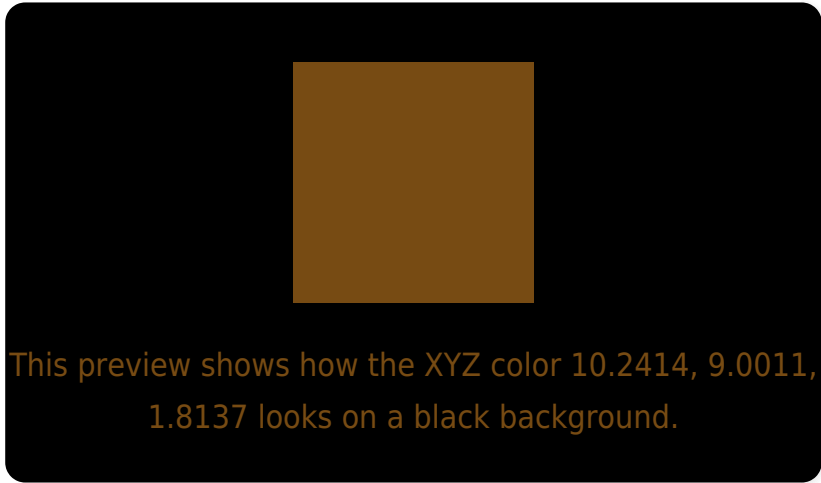
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.2414, 9.0011, 1.8137

Background



This preview shows how black text looks on a background with the XYZ color 10.2414, 9.0011, 1.8137.



This preview shows how white text looks on a background with the XYZ color 10.2414, 9.0011,

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

10.2414, 9.0011, 1.8137

Protanopia

8.2172, 9.0417, 2.0712

Deuteranopia

9.0994, 9.0481, 1.7571



Tritanopia

11.4862, 9.0259, 7.7934

Trichromacy



Original Color

10.2414, 9.0011, 1.8137

Protanomaly

8.7867, 8.8821, 1.9608

Deuteranomaly

9.4527, 9.0119, 1.7716

Tritanomaly

10.8921, 8.9755, 4.7728

Monochromacy



Original Color

10.2414, 9.0011, 1.8137

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

8.3047, 8.3406, 5.3099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2414, 9.0011, 1.8137 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(119, 75, 19)` looks like.

```
.text, #text, p{  
    color:rgb(119, 75, 19)  
}
```

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(119, 75, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 75, 19) }
```

Border

The CSS property to change the border of an element to XYZ 10.2414, 9.0011, 1.8137 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(119, 75, 19) }
```


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

```
.border{ border-color:rgb(119, 75, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 75, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 75, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 75, 19);  
box-shadow:4px 4px 4px 4px rgb(119, 75,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 10.2414, 9.0011, 1.8137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 75, 19) }
```

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

```
.background{ background-color: rgb(119, 75,  
19) }
```

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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