

Converting Colors

XYZ(10.1061, 9.2658, 3.2507)

Have a look what the booklet for
XYZ(10.1061, 9.2658, 3.2507)
contains.

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Color

**XYZ(10.1184, 9.3226,
3.2736)**

Conversions

Conversions Part 1

Format	Color
Hex	724F28
RGB	114, 79, 40
RGB Percent	45%, 31%, 16%
CMY	0.5529, 0.6902, 0.8431
CMYK	0.00, 0.31, 0.65, 0.55
HSL	32°, 48%, 30%
HSV	32°, 65%, 45%
XYZ	10.1184, 9.3226, 3.2736
YIQ	85.0190, 33.3790, -4.7090

Conversions

Conversions Part 2

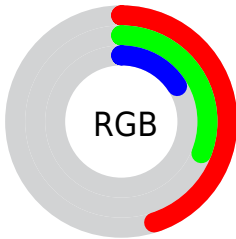
Format	Color
R_{YB}	106, 114, 40
Decimal	7491368
CIE Lab	36.60, 10.25, 28.50
CIE LCh	37, 30.286, 70.209
Yxy	9.3226, 0.4455, 0.4104
Android (android.graphics.Color)	4285681448 (0xFF724F28)
YUV	85.0190, -22.1944, 25.4163
Hunter-Lab	30.5329, 5.7210, 15.0163

Details

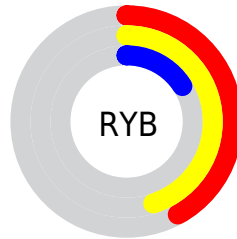
The XYZ color **10.1184, 9.3226, 3.2736** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.4282, 6.6977, 16.8734**, and the grayscale version is **8.6789, 9.1309, 9.9436**.

A 20% lighter version of the original color is **25.5879, 24.4513, 12.3878**, and **2.6219, 2.2008, 0.2866** is the 20% darker color. If you saturate the color by 10%, you get **9.5792, 8.5101, 2.2744**, and if you desaturate by 10%, it is **10.7468, 10.2221, 4.5851**.

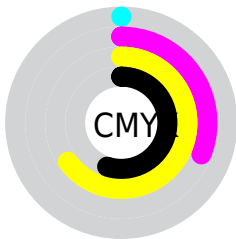
Distribution



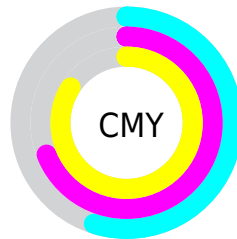
- Red (45%)
- Green (31%)
- Blue (16%)



- Red (42%)
- Yellow (45%)
- Blue (16%)



- Cyan (0%)
- Magenta (31%)
- Yellow (65%)
- Black (55%)



- Cyan (55%)
- Magenta (69%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1184, 9.3226, 3.2736 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 10.1184, 9.3226, 3.2736 by changing the saturation by 10% instead.

■ 10.1184, 9.3226,
3.2736

■ 10.1184, 9.3226,
3.2736

185.5510,
185.7666, 139.7725

■ 5.5404, 4.9522,
1.2360

■ 25.6656, 24.5133,
12.2964

■ 2.6057, 2.2192,
0.0084

■ 37.3656, 36.1025,
20.1187

■ 0.9488, 0.7305,
0.0000

■ 52.1702, 50.8666,
30.7063

■ 0.0000, 0.0000,
0.0000

■ 70.4448, 69.1902,
44.4777

■ 92.5549, 91.4576,
61.8515

■ 118.8657,

118.0532, 83.2462

149.7426,
149.3614, 109.0803

10.1184, 9.3226,
3.2736

10.1184, 9.3226,
3.2736

9.5792, 8.5101,
2.2744

10.7468, 10.2221,
4.5851

9.1226, 7.7795,
1.5594

11.4692, 11.2104,
6.2328

8.7392, 7.1263,
1.0815

12.2904, 12.2909,
8.2387

8.5597, 6.8181,
0.8649

13.2150, 13.4667,
10.6228

14.2470, 14.7403,
13.4037

■ 15.3904, 16.1144,
16.5986

■ 16.6488, 17.5913,
20.2239

■ 18.0257, 19.1736,
24.2948

■ 19.5245, 20.8633,
28.8261

Harmonies

Analogous

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



11.8588, 9.3226, 4.8991



10.1184, 9.3226, 3.2736



8.2463, 9.3226, 3.0711

Triad

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



10.1184, 9.3226, 3.2736



5.8054, 9.3226, 12.0620



11.3567, 9.3226, 20.0666

Complementary

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



10.1184, 9.3226, 3.2736



6.4282, 6.6977, 16.8734

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.



9.5052, 9.3226, 23.8095



10.1184, 9.3226, 3.2736



6.4162, 9.3226, 18.2333

Square

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



10.1184, 9.3226, 3.2736



5.9220, 9.3226, 7.0820



7.7121, 9.3226, 23.0417



12.6397, 9.3226, 13.9982

Rectangle

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



10.1184, 9.3226, 3.2736



7.1916, 9.3226, 3.6545



7.7121, 9.3226, 23.0417



10.7703, 9.3226, 21.7199

Sweetspot

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



10.1186, 9.3231, 3.2738



24.1823, 24.8572, 21.2288



8.9946, 5.6136, 7.4045



5.5000, 5.6342, 4.6609



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.1186, 9.3231, 3.2738



16.4072, 14.2827, 3.2972



13.1803, 15.6829, 4.3400



3.5164, 3.6653, 3.5955



9.5119, 7.5562, 0.9572



46.5135, 35.9022, 4.4783

Inverse Universe

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



6.4282, 6.6977, 16.8734



9.3658, 9.2826, 29.2736



4.7199, 3.2088, 16.2900



3.3356, 3.5364, 4.2610



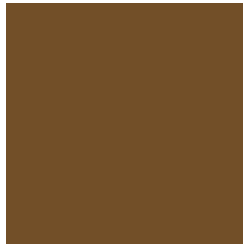
4.8284, 4.2472, 18.2869



23.2013, 19.4545, 90.8114

Previews

White Background



This preview shows how the XYZ color 10.1184, 9.3226, 3.2736 looks on a white background.

Color Contrast Check

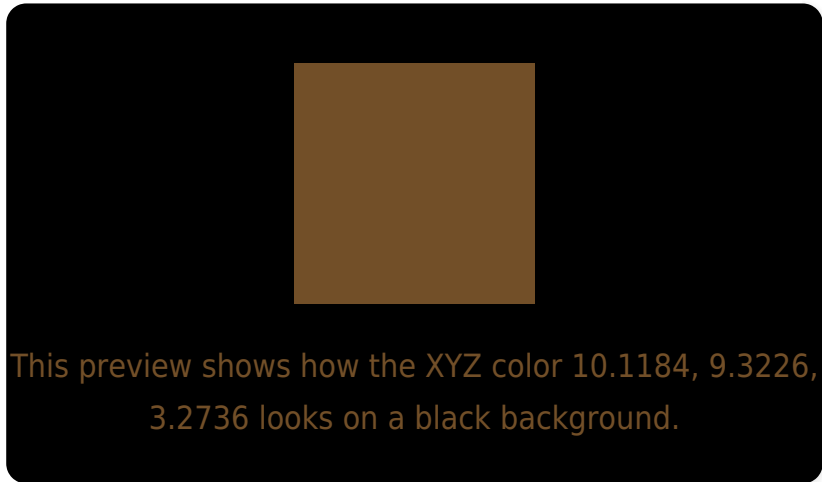
Large Text (above 18pt) WCAG AA ✓ Pass

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

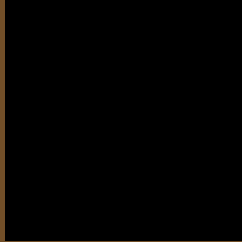
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.1184, 9.3226, 3.2736

Background



This preview shows how black text looks on a background with the XYZ color 10.1184, 9.3226, 3.2736.



This preview shows how white text looks on a background with the XYZ color 10.1184, 9.3226,

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

10.1184, 9.3226, 3.2736

Protanopia

8.6500, 9.4704, 3.5625

Deuteranopia

9.4469, 9.3069, 3.2180



Tritanopia

11.3002, 9.3932, 8.8069

Trichromacy



Original Color

10.1184, 9.3226, 3.2736

Protanomaly

9.1641, 9.3843, 3.4262

Deuteranomaly

9.7390, 9.3463, 3.2102

Tritanomaly

10.7410, 9.2635, 6.2230

Monochromacy



Original Color

10.1184, 9.3226, 3.2736

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

8.9913, 9.1030, 6.9134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1184, 9.3226, 3.2736 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(114, 79, 40)` looks like.

```
.text, #text, p{  
    color:rgb(114, 79, 40)  
}
```

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(114, 79, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 79, 40) }
```

Border

The CSS property to change the border of an element to XYZ 10.1184, 9.3226, 3.2736 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(114, 79, 40) }
```


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

```
.border{ border-color:rgb(114, 79, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 79, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 79, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 79, 40);  
box-shadow:4px 4px 4px 4px rgb(114, 79,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1184, 9.3226, 3.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 79, 40) }
```

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

```
.background{ background-color: rgb(114, 79,  
40) }
```

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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