

Converting Colors

XYZ(11.4206, 10.8653, 3.1608)

Have a look what the booklet for
XYZ(11.4206, 10.8653, 3.1608)
contains.

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Color

**XYZ(11.4724, 10.9368,
3.1754)**

Conversions

Conversions Part 1

Format	Color
Hex	785724
RGB	120, 87, 36
RGB Percent	47%, 34%, 14%
CMY	0.5294, 0.6588, 0.8588
CMYK	0.00, 0.27, 0.70, 0.53
HSL	36°, 54%, 31%
HSV	36°, 70%, 47%
XYZ	11.4724, 10.9368, 3.1754
YIQ	91.0530, 36.0390, -8.8650

Conversions

Conversions Part 2

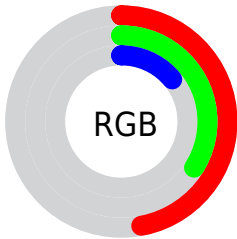
Format	Color
RYB	90, 120, 36
Decimal	7886628
CIELab	39.47, 7.99, 34.08
CIELCh	39, 35.007, 76.806
Yxy	10.9368, 0.4484, 0.4275
Android (android.graphics.Color)	4286076708 (0xFF785724)
YUV	91.0530, -27.1411, 25.3865
Hunter-Lab	33.0708, 4.0484, 17.4567

Details

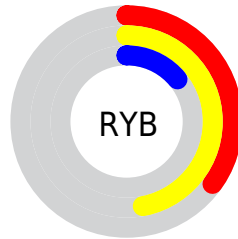
The XYZ color **11.4724, 10.9368, 3.1754** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.2458, 5.9872, 18.5958**, and the grayscale version is **10.0103, 10.5316, 11.4689**.

A 20% lighter version of the original color is **28.1862, 27.6298, 12.0311**, and **3.2822, 2.9211, 0.3908** is the 20% darker color. If you saturate the color by 10%, you get **10.9498, 10.1373, 2.2438**, and if you desaturate by 10%, it is **12.0820, 11.8118, 4.4396**.

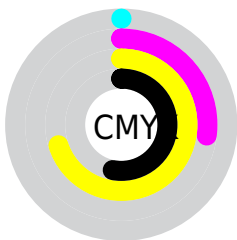
Distribution



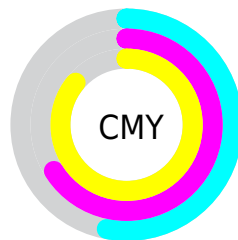
- Red (47%)
- Green (34%)
- Blue (14%)



- Red (35%)
- Yellow (47%)
- Blue (14%)



- Cyan (0%)
- Magenta (27%)
- Yellow (70%)
- Black (53%)



- Cyan (53%)
- Magenta (66%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4724, 10.9368, 3.1754 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 11.4724, 10.9368, 3.1754 by changing the saturation by 10% instead.

■ 11.4724, 10.9368,
3.1754

■ 11.4724, 10.9368,
3.1754

194.7225,
197.2334, 138.5642

■ 6.4551, 6.0244,
1.1849

■ 28.1557, 27.5432,
12.0583

■ 3.1670, 2.8599,
0.0000

■ 40.5525, 40.0060,
19.7877

■ 1.2427, 1.0590,
0.0000

■ 56.1399, 55.7544,
30.2672

■ 0.1397, 0.0000,
0.0000

■ 75.2832, 75.1727,
43.9152

■ 0.0000, 0.0000,
0.0000

■ 98.3477, 98.6454,
61.1504

■ 125.6989,

126.5568, 82.3913

157.7020,
159.2913, 108.0563

11.4724, 10.9368,
3.1754

11.4724, 10.9368,
3.1754

10.9498, 10.1373,
2.2438

12.0820, 11.8118,
4.4396

10.5064, 9.4082,
1.6101

12.7837, 12.7639,
6.0651

10.1192, 8.7399,
1.1537

13.5833, 13.7965,
8.0782

10.1192, 8.7399,
1.1536

14.4855, 14.9122,
10.5027

15.4951, 16.1135,
13.3602

■ 16.6161, 17.4028,
16.6711

■ 17.8526, 18.7823,
20.4542

■ 19.2083, 20.2542,
24.7274

■ 20.6868, 21.8204,
29.5076

Harmonies

Analogous

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



13.8438, 10.9368, 4.6930



11.4724, 10.9368, 3.1754



9.1301, 10.9368, 3.2646

Triad

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



11.4724, 10.9368, 3.1754



6.6084, 10.9368, 16.1032



14.0916, 10.9368, 23.2876

Complementary

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



11.4724, 10.9368, 3.1754



6.2458, 5.9872, 18.5958

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.



11.7719, 10.9368, 29.3236



11.4724, 10.9368, 3.1754



7.5727, 10.9368, 24.2111

Square

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



11.4724, 10.9368, 3.1754



6.5534, 10.9368, 9.1662



9.3874, 10.9368, 29.7144



15.5040, 10.9368, 15.1490

Rectangle

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



11.4724, 10.9368, 3.1754



7.8927, 10.9368, 4.2074



9.3874, 10.9368, 29.7144



13.3774, 10.9368, 25.7454

Sweetspot

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



11.4727, 10.9373, 3.1756



26.9715, 28.0106, 22.6860



9.4696, 5.6921, 6.3281



6.2970, 6.5262, 5.1047



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.



11.4727, 10.9373, 3.1756



18.7703, 17.0382, 3.2128



13.6663, 16.9790, 4.2261



4.1818, 4.3820, 4.2499



11.0254, 9.5066, 1.2539



51.7452, 43.6539, 5.6988

Inverse Universe

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



6.2458, 5.9872, 18.5958



8.9602, 7.7890, 32.2842



5.0771, 3.1623, 18.1122



3.9148, 4.1279, 5.0336



4.8003, 3.6831, 19.8432



22.1200, 16.0127, 94.3947

Previews

White Background



This preview shows how the XYZ color 11.4724, 10.9368, 3.1754 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 11.4724, 10.9368, 3.1754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

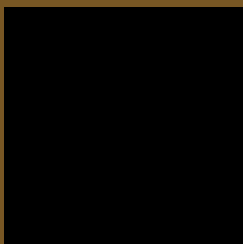
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4724, 10.9368, 3.1754

Background



This preview shows how black text looks on a background with the XYZ color 11.4724, 10.9368, 3.1754.



This preview shows how white text looks on a background with the XYZ color 11.4724, 10.9368,

3.1754.

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

11.4724, 10.9368, 3.1754

Protanopia

9.9731, 10.9117, 3.4143

Deuteranopia

11.0782, 10.9791, 3.1254



Tritanopia

13.0909, 11.0243, 10.6704

Trichromacy



Original Color

11.4724, 10.9368, 3.1754

Protanomaly

10.5054, 10.9307, 3.3064

Deuteranomaly

11.1292, 10.8827, 3.1041

Tritanomaly

12.4129, 10.9813, 7.0956

Monochromacy



Original Color

11.4724, 10.9368, 3.1754

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.2730, 10.5920, 7.4643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4724, 10.9368, 3.1754 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(120, 87, 36)` looks like.

```
.text, #text, p{  
    color:rgb(120, 87, 36)  
}
```

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(120, 87, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 87, 36) }
```

Border

The CSS property to change the border of an element to XYZ 11.4724, 10.9368, 3.1754 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(120, 87, 36) }
```


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

```
.border{ border-color:rgb(120, 87, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 87, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 87, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 87, 36);  
box-shadow:4px 4px 4px 4px rgb(120, 87,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4724, 10.9368, 3.1754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 87, 36) }
```

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

```
.background{ background-color: rgb(120, 87,  
36) }
```

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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