

Converting Colors

XYZ(10.9664, 10.2730, 2.8511)

Have a look what the booklet for
XYZ(10.9664, 10.2730, 2.8511)
contains.

XYZ(11.0526, 10.3724, 2.8584)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.0526, 10.3724,
2.8584)**

Conversions

Conversions Part 1

Format	Color
Hex	775421
RGB	119, 84, 33
RGB Percent	47%, 33%, 13%
CMY	0.5333, 0.6706, 0.8706
CMYK	0.00, 0.29, 0.72, 0.53
HSL	36°, 57%, 30%
HSV	36°, 72%, 47%
XYZ	11.0526, 10.3724, 2.8584
YIQ	88.6510, 37.2310, -8.4410

Conversions

Conversions Part 2

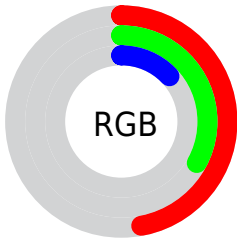
Format	Color
RYB	92, 119, 33
Decimal	7820321
CIELab	38.50, 9.12, 34.53
CIElCh	39, 35.715, 75.198
Yxy	10.3724, 0.4552, 0.4271
Android (android.graphics.Color)	4286010401 (0xFF775421)
YUV	88.6510, -27.4359, 26.6161
Hunter-Lab	32.2062, 4.8972, 17.2822

Details

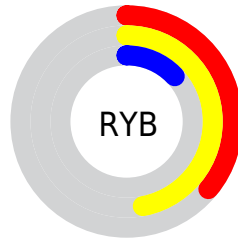
The XYZ color **11.0526, 10.3724, 2.8584** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.0240, 5.7893, 18.2526**, and the grayscale version is **9.4715, 9.9648, 10.8517**.

A 20% lighter version of the original color is **27.2911, 26.3529, 11.2376**, and **3.0403, 2.6443, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **10.5516, 9.5916, 2.0097**, and if you desaturate by 10%, it is **11.6391, 11.2298, 4.0268**.

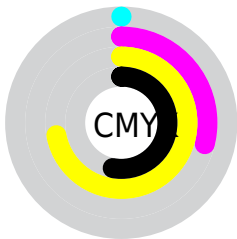
Distribution



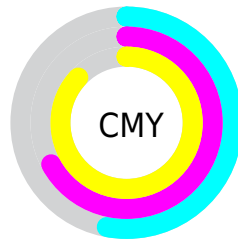
- Red (47%)
- Green (33%)
- Blue (13%)



- Red (36%)
- Yellow (47%)
- Blue (13%)



- Cyan (0%)
- Magenta (29%)
- Yellow (72%)
- Black (53%)



- Cyan (53%)
- Magenta (67%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0526, 10.3724, 2.8584 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 11.0526, 10.3724, 2.8584 by changing the saturation by 10% instead.

■ 11.0526, 10.3724,
2.8584

■ 11.0526, 10.3724,
2.8584

191.9289,
193.3097, 134.5362

■ 6.1698, 5.6466,
1.0228

■ 27.3895, 26.4936,
11.2770

■ 2.9902, 2.6314,
0.0000

■ 39.5743, 38.6578,
18.6970

■ 1.1486, 0.9425,
0.0000

■ 54.9237, 54.0702,
28.8157

■ 0.0652, 0.0000,
0.0000

■ 73.8032, 73.1153,
42.0514

■ 0.0000, 0.0000,
0.0000

■ 96.5782, 96.1774,
58.8228

■ 123.6138,

123.6408, 79.5484

155.2756,
155.8902, 104.6466

11.0526, 10.3724,
2.8584

11.0526, 10.3724,
2.8584

10.5516, 9.5916,
2.0097

11.6391, 11.2298,
4.0268

10.1282, 8.8822,
1.4449

12.3164, 12.1655,
5.5440

9.8339, 8.3743,
1.0981

13.0902, 13.1830,
7.4364

13.9655, 14.2851,
9.7277

14.9469, 15.4743,
12.4396

■ 16.0386, 16.7530,
15.5922

■ 17.2445, 18.1236,
19.2044

■ 18.5686, 19.5883,
23.2940

■ 20.0142, 21.1492,
27.8775

Harmonies

Analogous

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



13.3786, 10.3724, 4.3994



11.0526, 10.3724, 2.8584



8.7263, 10.3724, 2.8676

Triad

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



11.0526, 10.3724, 2.8584



6.1250, 10.3724, 15.0170



13.4055, 10.3724, 23.0149

Complementary

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



11.0526, 10.3724, 2.8584



6.0240, 5.7893, 18.2526

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.



11.0849, 10.3724, 28.8355



11.0526, 10.3724, 2.8584



7.0176, 10.3724, 23.1160

Square

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



11.0526, 10.3724, 2.8584



6.1192, 10.3724, 8.3130



8.7539, 10.3724, 28.8785



14.8760, 10.3724, 14.9135

Rectangle

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



11.0526, 10.3724, 2.8584



7.4875, 10.3724, 3.7008



8.7539, 10.3724, 28.8785



12.6840, 10.3724, 25.4230

Sweetspot

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



11.0528, 10.3729, 2.8586



26.7119, 27.6460, 22.1235



9.2207, 5.4373, 6.1668



6.2384, 6.4416, 4.9842



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.



11.0528, 10.3729, 2.8586



18.3549, 16.2809, 2.8473



13.5322, 16.7372, 3.9564



3.8476, 4.0281, 3.9170



10.4385, 8.8782, 1.1635



50.0106, 41.5497, 5.3840

Inverse Universe

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



6.0240, 5.7893, 18.2526



8.7917, 7.6081, 32.2582



4.7553, 2.8742, 17.7568



3.6116, 3.8119, 4.6357



4.6702, 3.6801, 19.0067



21.9611, 16.3388, 92.3565

Previews

White Background



This preview shows how the XYZ color 11.0526, 10.3724, 2.8584 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 11.0526, 10.3724, 2.8584 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 11.0526, 10.3724, 2.8584

Background



This preview shows how black text looks on a background with the XYZ color 11.0526, 10.3724, 2.8584.



This preview shows how white text looks on a background with the XYZ color 11.0526, 10.3724,

2.8584.

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

11.0526, 10.3724, 2.8584

Protanopia

9.5239, 10.4283, 3.1010

Deuteranopia

10.5279, 10.3373, 2.8069



Tritanopia

12.4617, 10.3854, 9.9421

Trichromacy



Original Color

11.0526, 10.3724, 2.8584

Protanomaly

9.9628, 10.2831, 2.9731

Deuteranomaly

10.7117, 10.3143, 2.7928

Tritanomaly

11.8110, 10.3432, 6.5282

Monochromacy



Original Color

11.0526, 10.3724, 2.8584

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

9.7379, 9.9554, 7.0386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0526, 10.3724, 2.8584 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, 84, 33)` looks like.

```
.text, #text, p{  
    color:rgb(119, 84, 33)  
}
```

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, 84, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 84, 33) }
```

Border

The CSS property to change the border of an element to XYZ 11.0526, 10.3724, 2.8584 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, 84, 33) }
```


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

```
.border{ border-color:rgb(119, 84, 33) }
```

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

Here you see how a box with a 4 pixel rgb(119, 84, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 84, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 84, 33);  
box-shadow:4px 4px 4px 4px rgb(119, 84,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0526, 10.3724, 2.8584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 84, 33) }
```

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

```
.background{ background-color: rgb(119, 84,  
33) }
```

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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