

Converting Colors

XYZ(12.5394, 11.1665, 1.5519)

Have a look what the booklet for
XYZ(12.5394, 11.1665, 1.5519)
contains.

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Color

**XYZ(12.5414, 11.1703,
1.5525)**

Conversions

Conversions Part 1

Format	Color
Hex	835402
RGB	131, 84, 2
RGB Percent	51%, 33%, 1%
CMY	0.4863, 0.6706, 0.9921
CMYK	0.00, 0.36, 0.98, 0.49
HSL	38°, 97%, 26%
HSV	38°, 98%, 51%
XYZ	12.5414, 11.1703, 1.5525
YIQ	88.7050, 54.3340, -15.5380

Conversions

Conversions Part 2

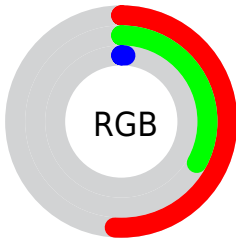
Format	Color
R_{YB}	76, 131, 2
Decimal	8606722
CIE _{Lab}	39.87, 13.75, 47.82
CIE _{LCh}	40, 49.760, 73.960
Yxy	11.1703, 0.4964, 0.4421
Android (android.graphics.Color)	4286796802 (0xFF835402)
YUV	88.7050, -42.7456, 37.0927
Hunter-Lab	33.4220, 8.4925, 20.6413

Details

The XYZ color **12.5414, 11.1703, 1.5525** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.2201, 3.8482, 21.9404**, and the grayscale version is **9.5136, 10.0091, 10.8999**.

A 20% lighter version of the original color is **30.2751, 28.1745, 7.8455**, and **3.7060, 2.9875, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **12.4743, 11.0538, 1.4761**, and if you desaturate by 10%, it is **13.0008, 11.9676, 2.0806**.

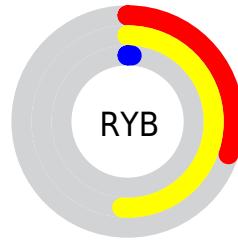
Distribution



Red (51%)

Green (33%)

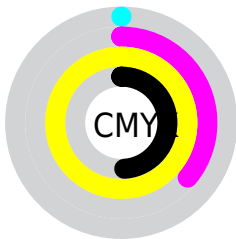
Blue (1%)



Red (30%)

Yellow (51%)

Blue (1%)

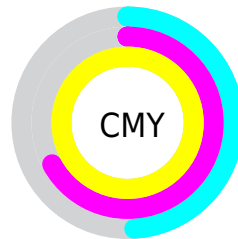


Cyan (0%)

Magenta (36%)

Yellow (98%)

Black (49%)



Cyan (49%)

Magenta (67%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.5414, 11.1703, 1.5525 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 12.5414, 11.1703, 1.5525 by changing the saturation by 10% instead.

■ 12.5414, 11.1703,
1.5525

■ 12.5414, 11.1703,
1.5525

■ 201.6548,
198.8322, 114.9877

■ 7.1883, 6.1815,
0.2566

■ 30.0858, 27.9747,
7.7767

■ 3.6275, 2.9558,
0.0000

■ 43.0078, 40.5590,
13.7011

■ 1.4937, 1.1087,
0.0000

■ 59.1835, 56.4440,
22.0584

■ 0.3215, 0.0000,
0.0000


■ 78.9782, 76.0140,
33.2672


■ 0.0000, 0.0000,
0.0000


■ 102.7574, 99.6534,
47.7460


■ 130.8863,

127.7467, 65.9133


 163.7303,
160.6781, 88.1877


 12.5414, 11.1703,
1.5525


 12.5414, 11.1703,
1.5525


 12.4743, 11.0538,
1.4761

 13.0008, 11.9676,
2.0806

 13.5348, 12.8355,
2.8755

 14.1635, 13.7832,
4.0396

 14.8951, 14.8147,
5.6144

 15.7369, 15.9336,
7.6358

■ 16.6954, 17.1434,
10.1359

■ 17.7766, 18.4469,
13.1437

■ 18.9858, 19.8471,
16.6860

■ 20.3282, 21.3467,
20.7875

Harmonies

Analogous

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



16.0944, 11.1703, 3.2092



12.5414, 11.1703, 1.5525



9.1070, 11.1703, 1.5081

Triad

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



12.5414, 11.1703, 1.5525



5.4249, 11.1703, 17.3004



15.8726, 11.1703, 31.4021

Complementary

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



12.5414, 11.1703, 1.5525



5.2201, 3.8482, 21.9404

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.



12.2854, 11.1703, 41.1594



12.5414, 11.1703, 1.5525



6.5491, 11.1703, 30.5006

Square

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



12.5414, 11.1703, 1.5525



5.4645, 11.1703, 7.6624



8.9003, 11.1703, 40.7617



18.2820, 11.1703, 18.1496

Rectangle

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



12.5414, 11.1703, 1.5525



7.3484, 11.1703, 2.2704



8.9003, 11.1703, 40.7617



14.7345, 11.1703, 35.4530

Sweetspot

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



12.5416, 11.1709, 1.5527



31.3845, 32.5012, 22.2599



9.9426, 5.0931, 3.3983



7.1423, 7.3692, 4.7220



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



12.5416, 11.1709, 1.5527



22.1886, 19.4943, 2.5933



15.0408, 19.8010, 3.0868



4.9008, 5.1452, 4.9642



12.2816, 10.8859, 1.4539



0.0495, 0.0516, 0.0074

Inverse Universe

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



5.2201, 3.8482, 21.9404



9.0724, 6.4065, 39.2116



4.3910, 1.8227, 21.5931



4.5631, 4.8019, 5.8871



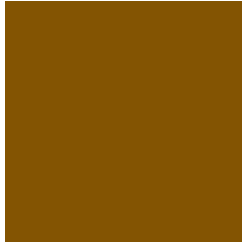
5.0644, 3.6766, 21.5794



0.0241, 0.0258, 0.0769

Previews

White Background



This preview shows how the XYZ color 12.5414, 11.1703, 1.5525 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



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 12.5414, 11.1703, 1.5525

Background



This preview shows how black text looks on a background with the XYZ color 12.5414, 11.1703, 1.5525.



This preview shows how white text looks on a background with the XYZ color 12.5414, 11.1703,

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

12.5414, 11.1703, 1.5525

Protanopia

10.2049, 11.3299, 1.9075

Deuteranopia

11.2639, 11.2343, 1.5748



Tritanopia

14.1561, 11.1572, 9.7950

Trichromacy



Original Color

12.5414, 11.1703, 1.5525

Protanomaly

10.9764, 11.2083, 1.7572

Deuteranomaly

11.6636, 11.1926, 1.5744

Tritanomaly

13.2074, 10.9902, 4.9152

Monochromacy



Original Color

12.5414, 11.1703, 1.5525

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

9.8556, 10.0549, 5.2922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.5414, 11.1703, 1.5525 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(131, 84, 2)` looks like.

```
.text, #text, p{  
    color:rgb(131, 84, 2)  
}
```

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(131, 84, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 84, 2) }
```

Border

The CSS property to change the border of an element to XYZ 12.5414, 11.1703, 1.5525 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(131, 84, 2) }
```


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

```
.border{ border-color:rgb(131, 84, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 84, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 84, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 84, 2);  
box-shadow:4px 4px 4px 4px rgb(131, 84, 2)  
}
```

Background

The CSS property to change the background color of an element to XYZ 12.5414, 11.1703, 1.5525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 84, 2) }
```

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

```
.background{ background-color: rgb(131, 84,  
2) }
```

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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