

Converting Colors

XYZ(12.0715, 11.2901, 1.5566)

Have a look what the booklet for
XYZ(12.0715, 11.2901, 1.5566)
contains.

XYZ(12.0124, 11.2520, 1.5387)	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(12.0124, 11.2520,
1.5387)**

Conversions

Conversions Part 1

Format	Color
Hex	7E5700
RGB	126, 87, 0
RGB Percent	49%, 34%, 0%
CMY	0.5059, 0.6588, 1.0000
CMYK	0.00, 0.31, 1.00, 0.51
HSL	41°, 100%, 25%
HSV	41°, 100%, 49%
XYZ	12.0124, 11.2520, 1.5387
YIQ	88.7430, 51.1710, -18.7890

Conversions

Conversions Part 2

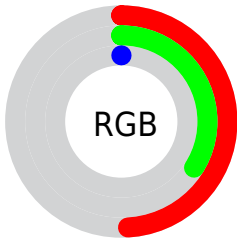
Format	Color
R_{YB}	56, 126, 0
Decimal	8279808
CIE _{Lab}	40.00, 9.53, 48.20
CIE _{LCh}	40, 49.135, 78.813
Yxy	11.2520, 0.4843, 0.4537
Android (android.graphics.Color)	4286469888 (0xFF7E5700)
YUV	88.7430, -43.7503, 32.6744
Hunter-Lab	33.5440, 5.2204, 20.7611

Details

The XYZ color **12.0124, 11.2520, 1.5387** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.4914, 2.9574, 20.0727**, and the grayscale version is **9.5247, 10.0207, 10.9125**.

A 20% lighter version of the original color is **29.2126, 28.2540, 7.7848**, and **3.5005, 3.0336, 0.4011** is the 20% darker color. If you saturate the color by 10%, you get **12.0126, 11.2524, 1.5388**, and if you desaturate by 10%, it is **12.4071, 11.9293, 2.0161**.

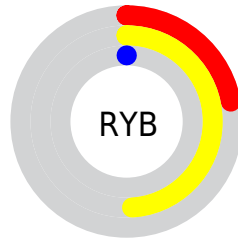
Distribution



Red (49%)

Green (34%)

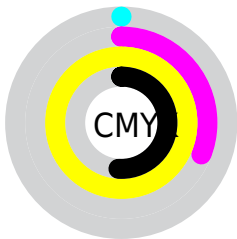
Blue (0%)



Red (22%)

Yellow (49%)

Blue (0%)

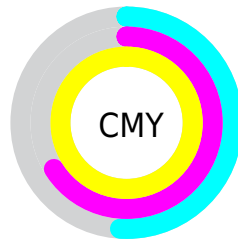


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (51%)



Cyan (51%)


Magenta (66%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 12.0124, 11.2520, 1.5387 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 12.0124, 11.2520, 1.5387 by changing the saturation by 10% instead.


 12.0124, 11.2520,
1.5387


 12.0124, 11.2520,
1.5387


 198.2556,
199.3884, 114.7438


 6.8244, 6.2366,
0.2465


 29.1343, 28.1252,
7.7363


 3.3979, 2.9895,
0.0000

 41.7990, 40.7518,
13.6421


 1.3675, 1.1262,
0.0000

 57.6866, 56.6843,
21.9774

 0.2329, 0.0002,
0.0000


 77.1624, 76.3070,
33.1606


 0.0000, 0.0000,
0.0000


 100.5919,
100.0044, 47.6103


 128.3403,


128.1608, 65.7450


 160.7731,
161.1607, 87.9834


 12.0124, 11.2520,
1.5387


 12.0124, 11.2520,
1.5387


 12.0126, 11.2524,
1.5388

 12.4071, 11.9293,
2.0161

 12.8563, 12.6556,
2.6964

 13.3846, 13.4417,
3.7062

 13.9994, 14.2910,
5.0840

 14.7074, 15.2064,
6.8630

■ 15.5143, 16.1907,
9.0727

■ 16.4254, 17.2463,
11.7398

■ 17.4456, 18.3756,
14.8887

■ 18.5795, 19.5808,
18.5422

Harmonies

Analogous

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



15.5975, 11.2520, 2.8782



12.0124, 11.2520, 1.5387



8.7238, 11.2520, 1.7059

Triad

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



12.0124, 11.2520, 1.5387



5.6274, 11.2520, 19.3271



16.4009, 11.2520, 29.1566

Complementary

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



12.0124, 11.2520, 1.5387



4.4914, 2.9574, 20.0727

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.



12.9420, 11.2520, 39.8533



12.0124, 11.2520, 1.5387



6.9448, 11.2520, 32.4059

Square

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



12.0124, 11.2520, 1.5387



5.4822, 11.2520, 8.9693



9.4770, 11.2520, 41.2837



18.4658, 11.2520, 16.2502

Rectangle

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



12.0124, 11.2520, 1.5387



7.1013, 11.2520, 2.6927



9.4770, 11.2520, 41.2837



15.3325, 11.2520, 33.3678

Sweetspot

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



12.0126, 11.2526, 1.5389



28.7934, 30.2225, 20.3073



8.9855, 4.5882, 2.4108



6.4202, 6.7266, 4.2353



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



12.0126, 11.2526, 1.5389



21.0158, 19.5487, 2.6656



13.0429, 17.7993, 2.7483



4.5566, 4.8018, 4.6068



12.3199, 11.5363, 1.5774



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.4914, 2.9574, 20.0727



7.7914, 4.9766, 35.2943



4.1216, 1.6898, 19.8475



4.2090, 4.4121, 5.4430



4.6042, 3.0269, 20.5915



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 12.0124, 11.2520, 1.5387 looks on a white background.

Color Contrast Check

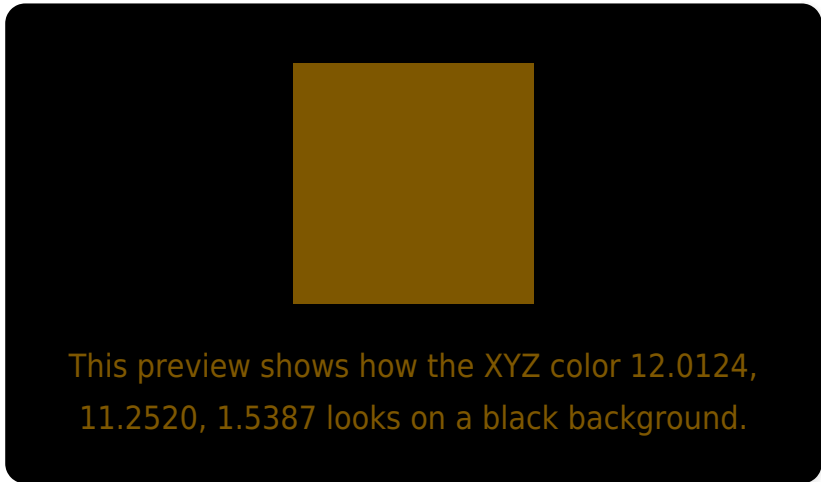
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.0124, 11.2520, 1.5387

Background



This preview shows how black text looks on a background with the XYZ color 12.0124, 11.2520, 1.5387.



This preview shows how white text looks on a background with the XYZ color 12.0124, 11.2520,

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

12.0124, 11.2520, 1.5387

Protanopia

10.1994, 11.3277, 1.8786

Deuteranopia

11.4019, 11.3054, 1.5812



Tritanopia

13.8687, 11.3188, 10.4706

Trichromacy



Original Color

12.0124, 11.2520, 1.5387

Protanomaly

10.7940, 11.2427, 1.7447

Deuteranomaly

11.5984, 11.2823, 1.5664

Tritanomaly

12.8361, 11.1295, 5.0861

Monochromacy



Original Color

12.0124, 11.2520, 1.5387

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

9.7077, 10.0996, 5.3087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.0124, 11.2520, 1.5387 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(126, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(126, 87, 0)  
}
```

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(126, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 87, 0) }
```

Border

The CSS property to change the border of an element to XYZ 12.0124, 11.2520, 1.5387 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(126, 87, 0) }
```


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

```
.border{ border-color:rgb(126, 87, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 87, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(126, 87, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 12.0124, 11.2520, 1.5387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 87, 0) }
```

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

```
.background{ background-color: rgb(126, 87,  
0) }
```

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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