

Converting Colors

XYZ(15.1075, 12.1123, 1.5417)

Have a look what the booklet for
XYZ(15.1075, 12.1123, 1.5417)
contains.

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Color

**XYZ(15.1552, 12.1808,
1.5524)**

Conversions

Conversions Part 1

Format	Color
Hex	945100
RGB	148, 81, 0
RGB Percent	58%, 32%, 0%
CMY	0.4196, 0.6823, 1.0000
CMYK	0.00, 0.45, 1.00, 0.42
HSL	33°, 100%, 29%
HSV	33°, 100%, 58%
XYZ	15.1552, 12.1808, 1.5524
YIQ	91.7990, 65.9330, -10.9870

Conversions

Conversions Part 2

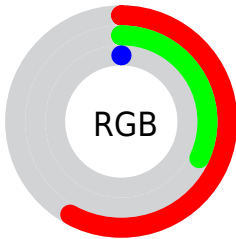
Format	Color
R_{YB}	122, 148, 0
Decimal	9720064
CIE Lab	41.50, 23.28, 50.64
CIE LCh	42, 55.738, 65.316
Yxy	12.1808, 0.5246, 0.4217
Android (android.graphics.Color)	4287910144 (0xFF945100)
YUV	91.7990, -45.2569, 49.2883
Hunter-Lab	34.9010, 16.4340, 21.7935

Details

The XYZ color **15.1552, 12.1808, 1.5524** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.3524, 6.1524, 28.8168**, and the grayscale version is **10.2171, 10.7492, 11.7059**.

A 20% lighter version of the original color is **34.5869, 29.7934, 7.7987**, and **4.9154, 3.4262, 0.4023** is the 20% darker color. If you saturate the color by 10%, you get **15.1553, 12.1811, 1.5524**, and if you desaturate by 10%, it is **15.7630, 13.2608, 2.1735**.

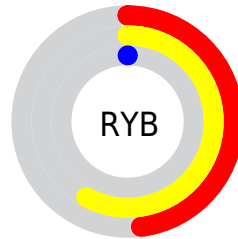
Distribution



Red (58%)

Green (32%)

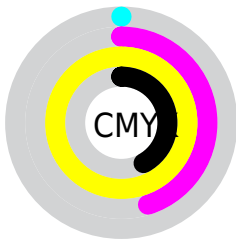
Blue (0%)



Red (48%)

Yellow (58%)

Blue (0%)

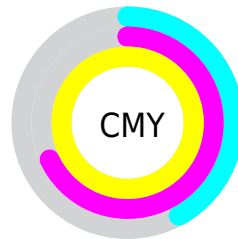


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (42%)



Cyan (42%)


Magenta (68%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1552, 12.1808, 1.5524 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 15.1552, 12.1808, 1.5524 by changing the saturation by 10% instead.


 15.1552, 12.1808,
1.5524


 15.1552, 12.1808,
1.5524


 217.6735,
205.5986, 114.9860


 9.0154, 6.8669,
0.2565


 34.6946, 29.8240,
7.7764


 4.8084, 3.3790,
0.0000

 48.8250, 42.9221,
13.7007


 2.1689, 1.3327,
0.0000

 66.3496, 59.3837,
22.0579

 0.7263, 0.1663,
0.0000

 87.6338, 79.5932,
33.2665


 0.0000, 0.0000,
0.0000


 113.0429,
103.9351, 47.7450


 142.9423,


132.7937, 65.9121


 177.6974,
166.5534, 88.1862


 15.1552, 12.1808,
1.5524


 15.1552, 12.1808,
1.5524


 15.1553, 12.1811,
1.5524

 15.7630, 13.2608,
2.1735

 16.4807, 14.4651,
3.1254

 17.3387, 15.8083,
4.5604

 18.3493, 17.2975,
6.5372

 19.5231, 18.9388,
9.1060

■ 20.8697, 20.7380,
12.3111

■ 22.3978, 22.7003,
16.1927

■ 24.1153, 24.8307,
20.7876

■ 26.0299, 27.1339,
26.1299

Harmonies

Analogous

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



19.1918, 12.1808, 4.0788



15.1552, 12.1808, 1.5524



10.8688, 12.1808, 1.1314

Triad

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



15.1552, 12.1808, 1.5524



5.4118, 12.1808, 15.4453



16.7052, 12.1808, 41.1692

Complementary

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



15.1552, 12.1808, 1.5524



7.3524, 6.1524, 28.8168

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.



12.3164, 12.1808, 50.3305



15.1552, 12.1808, 1.5524



6.3021, 12.1808, 30.8524

Square

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



15.1552, 12.1808, 1.5524



5.8319, 12.1808, 5.9428



8.6124, 12.1808, 45.7390



20.2234, 12.1808, 24.9692

Rectangle

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



15.1552, 12.1808, 1.5524



8.5484, 12.1808, 1.5775



8.6124, 12.1808, 45.7390



15.2489, 12.1808, 45.5011

Sweetspot

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



15.1555, 12.1815, 1.5526



39.3484, 39.8370, 28.1240



13.2890, 6.7265, 6.2394



8.7396, 8.7849, 5.7948



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.1555, 12.1815, 1.5526



26.5673, 21.1458, 2.6813



21.9290, 27.0252, 4.0607



6.0480, 6.3099, 6.1396



12.9726, 10.4596, 1.3352



0.1883, 0.1870, 0.0262

Inverse Universe

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



7.3524, 6.1524, 28.8168



12.8054, 10.5205, 50.7903



5.4071, 2.1701, 28.1506



5.7028, 6.0395, 7.3349



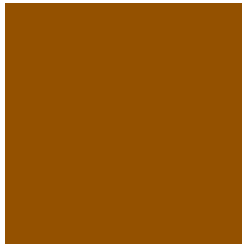
6.3066, 5.3080, 24.6232



0.1060, 0.1226, 0.3110

Previews

White Background



This preview shows how the XYZ color 15.1552, 12.1808, 1.5524 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 15.1552, 12.1808, 1.5524

Background



This preview shows how black text looks on a background with the XYZ color 15.1552, 12.1808, 1.5524.



This preview shows how white text looks on a background with the XYZ color 15.1552, 12.1808,

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

15.1552, 12.1808, 1.5524

Protanopia

11.0837, 12.3297, 2.1435

Deuteranopia

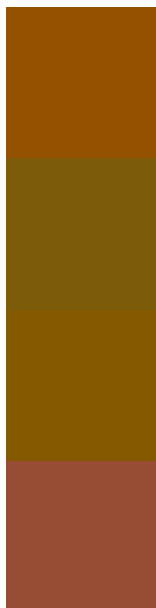
12.4602, 12.3654, 1.7300



Tritanopia

16.7638, 12.2055, 9.2569

Trichromacy



Original Color

15.1552, 12.1808, 1.5524

Protanomaly

12.1832, 11.9569, 1.8955

Deuteranomaly

13.2452, 12.1313, 1.6435

Tritanomaly

15.8514, 12.0397, 4.7372

Monochromacy



Original Color

15.1552, 12.1808, 1.5524

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.9612, 10.7400, 5.6330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1552, 12.1808, 1.5524 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(148, 81, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 81, 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(148, 81, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 81, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.1552, 12.1808, 1.5524 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(148, 81, 0) }
```


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

```
.border{ border-color:rgb(148, 81, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 81, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 81, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 81, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 81, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.1552, 12.1808, 1.5524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 81, 0) }
```

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

```
.background{ background-color: rgb(148, 81,  
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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