

Converting Colors

XYZ(15.3117, 13.1819, 1.1585)

Have a look what the booklet for
XYZ(15.3117, 13.1819, 1.1585)
contains.

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Color

**XYZ(15.4264, 13.2557,
1.7456)**

Conversions

Conversions Part 1

Format	Color
Hex	925900
RGB	146, 89, 0
RGB Percent	57%, 35%, 0%
CMY	0.4275, 0.6510, 1.0000
CMYK	0.00, 0.39, 1.00, 0.43
HSL	37°, 100%, 29%
HSV	37°, 100%, 57%
XYZ	15.4264, 13.2557, 1.7456
YIQ	95.8970, 62.5410, -15.5950

Conversions

Conversions Part 2

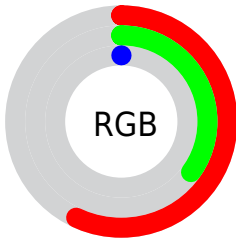
Format	Color
RYB	94, 146, 0
Decimal	9591040
CIELab	43.15, 17.80, 51.55
CIELCh	43, 54.532, 70.951
Yxy	13.2557, 0.5070, 0.4356
Android (android.graphics.Color)	4287781120 (0xFF925900)
YUV	95.8970, -47.2772, 43.9403
Hunter-Lab	36.4084, 11.9166, 22.6432

Details

The XYZ color **15.4264, 13.2557, 1.7456** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.6515, 5.0017, 27.8087**, and the grayscale version is **11.1941, 11.7771, 12.8252**.

A 20% lighter version of the original color is **35.1732, 31.7499, 8.2775**, and **4.9837, 3.8516, 0.4808** is the 20% darker color. If you saturate the color by 10%, you get **15.4265, 13.2560, 1.7456**, and if you desaturate by 10%, it is **16.0030, 14.2755, 2.3494**.

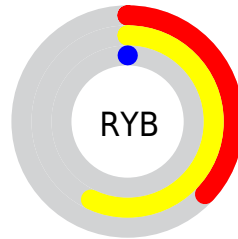
Distribution



Red (57%)

Green (35%)

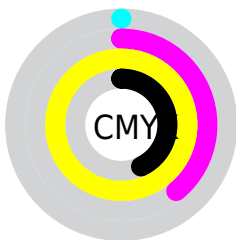
Blue (0%)



Red (37%)

Yellow (57%)

Blue (0%)

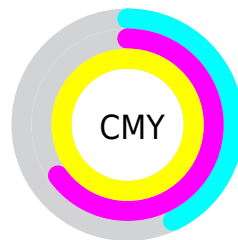


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (43%)



Cyan (43%)


Magenta (65%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 15.4264, 13.2557, 1.7456 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 15.4264, 13.2557, 1.7456 by changing the saturation by 10% instead.


 15.4264, 13.2557,
1.7456


 15.4264, 13.2557,
1.7456


 219.2704,
212.5500, 118.2923


 9.2074, 7.6049,
0.3917


 35.1650, 31.7624,
8.3328


 4.9349, 3.8432,
0.0000

 49.4154, 45.3870,
14.5091

 2.2435, 1.5862,
0.0000

 67.0737, 62.4384,
23.1653

 0.7655, 0.3483,
0.0000


 88.5052, 83.3009,
34.7198


 0.0000, 0.0000,
0.0000


 114.0752,
108.3589, 49.5912


 144.1492,


137.9968, 68.1981


 179.0925,
172.5991, 90.9589


 15.4264, 13.2557,
1.7456


 15.4264, 13.2557,
1.7456


 15.4265, 13.2560,
1.7456

 16.0030, 14.2755,
2.3494

 16.6742, 15.3926,
3.2680

 17.4696, 16.6207,
4.6512

 18.4005, 17.9655,
6.5552

 19.4768, 19.4321,
9.0286

■ 20.7072, 21.0252,
12.1140

■ 22.0998, 22.7491,
15.8501

■ 23.6620, 24.6078,
20.2724

■ 25.4005, 26.6052,
25.4137

Harmonies

Analogous

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



19.7451, 13.2557, 3.9549



15.4264, 13.2557, 1.7456



11.1248, 13.2557, 1.5467

Triad

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



15.4264, 13.2557, 1.7456



6.2117, 13.2557, 19.2937



18.6757, 13.2557, 39.9352

Complementary

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



15.4264, 13.2557, 1.7456



6.6515, 5.0017, 27.8087

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.



14.1983, 13.2557, 51.1900



15.4264, 13.2557, 1.7456



7.4262, 13.2557, 35.5492

Square

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



15.4264, 13.2557, 1.7456



6.3980, 13.2557, 8.1183



10.1403, 13.2557, 49.2468



21.8906, 13.2557, 23.3861

Rectangle

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



15.4264, 13.2557, 1.7456



8.8817, 13.2557, 2.2903



10.1403, 13.2557, 49.2468



17.2314, 13.2557, 44.7898

Sweetspot

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



15.4267, 13.2564, 1.7458



38.8284, 39.9399, 27.5248



12.6280, 6.4207, 4.6307



8.4270, 8.6268, 5.5494



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.4267, 13.2564, 1.7458



27.0463, 23.0493, 3.0235



19.7010, 25.4149, 3.8674



6.0773, 6.3683, 6.1494



13.5975, 11.7094, 1.5435



0.1952, 0.2008, 0.0285

Inverse Universe

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



6.6515, 5.0017, 27.8087



11.5794, 8.5144, 49.0067



5.3790, 2.1737, 27.3299



5.6741, 5.9822, 7.3254



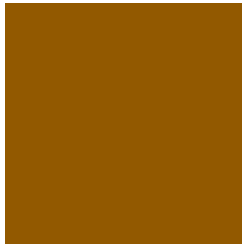
5.8737, 4.4421, 24.4789



0.0991, 0.1088, 0.3087

Previews

White Background



This preview shows how the XYZ color 15.4264, 13.2557, 1.7456 looks on a white background.

Color Contrast Check

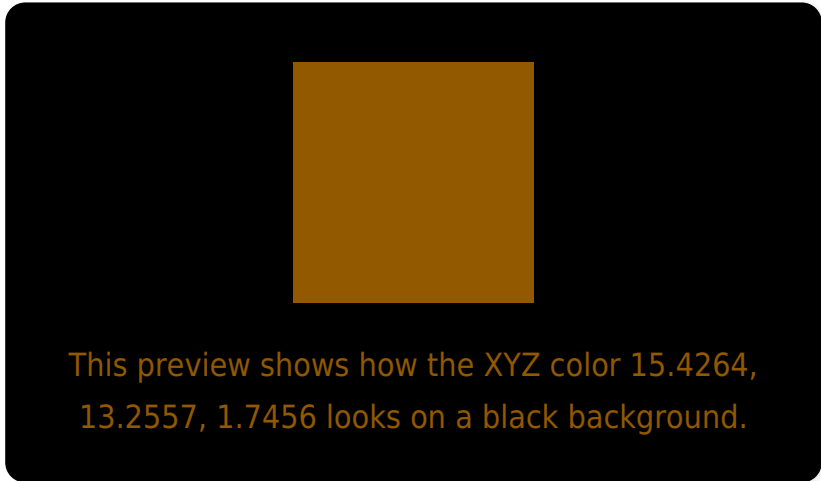
Large Text (above 18pt) WCAG AA ✓ Pass

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

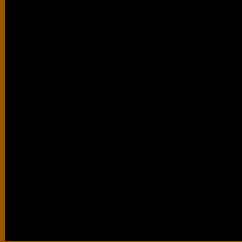
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.4264, 13.2557, 1.7456

Background



This preview shows how black text looks on a background with the XYZ color 15.4264, 13.2557, 1.7456.



This preview shows how white text looks on a background with the XYZ color 15.4264, 13.2557,

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

15.4264, 13.2557, 1.7456

Protanopia

12.1131, 13.4377, 2.2719

Deuteranopia

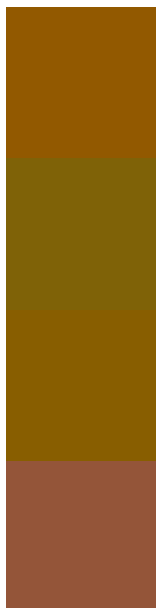
13.4806, 13.2952, 1.8557



Tritanopia

17.2909, 13.2973, 11.1065

Trichromacy



Original Color

15.4264, 13.2557, 1.7456

Protanomaly

13.1584, 13.2627, 2.0675

Deuteranomaly

14.1560, 13.2396, 1.8094

Tritanomaly

16.1998, 13.0883, 5.5434

Monochromacy



Original Color

15.4264, 13.2557, 1.7456

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.6961, 11.7430, 6.0651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4264, 13.2557, 1.7456 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(146, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(146, 89, 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(146, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 89, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.4264, 13.2557, 1.7456 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(146, 89, 0) }
```


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

```
.border{ border-color:rgb(146, 89, 0) }
```

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

Here you see how a box with a 4 pixel rgb(146, 89, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(146, 89, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.4264, 13.2557, 1.7456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 89, 0) }
```

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

```
.background{ background-color: rgb(146, 89,  
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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