

Converting Colors

XYZ(15.2253, 11.2850, 2.3516)

Have a look what the booklet for
XYZ(15.2253, 11.2850, 2.3516)
contains.

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Color

**XYZ(15.2663, 11.2886,
2.3516)**

Conversions

Conversions Part 1

Format	Color
Hex	97481A
RGB	151, 72, 26
RGB Percent	59%, 28%, 10%
CMY	0.4078, 0.7176, 0.8980
CMYK	0.00, 0.52, 0.83, 0.41
HSL	22°, 71%, 35%
HSV	22°, 83%, 59%
XYZ	15.2663, 11.2886, 2.3516
YIQ	90.3770, 61.8500, 2.4420

Conversions

Conversions Part 2

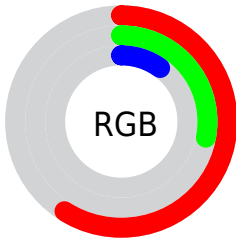
Format	Color
R_{YB}	151, 99, 26
Decimal	9914394
CIE _{Lab}	40.06, 30.14, 40.96
CIE _{LCh}	40, 50.858, 53.652
Yxy	11.2886, 0.5281, 0.3905
Android (android.graphics.Color)	4288104474 (0xFF97481A)
YUV	90.3770, -31.7379, 53.1664
Hunter-Lab	33.5985, 22.3084, 19.3692

Details

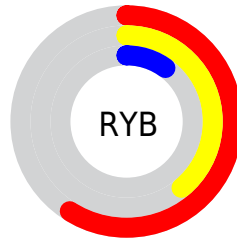
The XYZ color **15.2663, 11.2886, 2.3516** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.0631, 12.5564, 31.1184**, and the grayscale version is **9.8629, 10.3765, 11.3000**.

A 20% lighter version of the original color is **34.7405, 28.1017, 9.8965**, and **4.9427, 3.0330, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **14.5701, 10.0989, 1.4950**, and if you desaturate by 10%, it is **16.1477, 12.7066, 3.7087**.

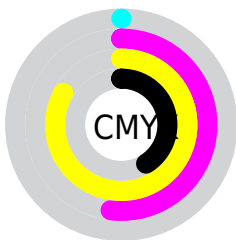
Distribution



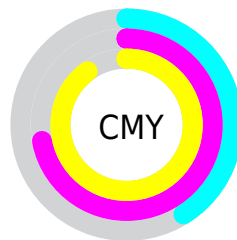
- Red (59%)
- Green (28%)
- Blue (10%)



- Red (59%)
- Yellow (39%)
- Blue (10%)



- Cyan (0%)
- Magenta (52%)
- Yellow (83%)
- Black (41%)



- Cyan (41%)
- Magenta (72%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2663, 11.2886, 2.3516 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 15.2663, 11.2886, 2.3516 by changing the saturation by 10% instead.

■ 15.2663, 11.2886,
2.3516

■ 15.2663, 11.2886,
2.3516

218.3290,
199.6370, 127.6175

■ 9.0940, 6.2613,
0.7599

■ 34.8875, 28.1926,
9.9815

■ 4.8602, 3.0046,
0.0000

■ 49.0672, 40.8381,
16.8709

■ 2.1994, 1.1341,
0.0000

■ 66.6466, 56.7918,
26.3680

■ 0.7424, 0.0069,
0.0000

■ 87.9913, 76.4381,
38.8913


■ 0.0000, 0.0000,
0.0000


■ 113.4665,
100.1614, 54.8593


■ 143.4376,


128.3460, 74.6907


 178.2700,
161.3764, 98.8039


 15.2663, 11.2886,
2.3516


 15.2663, 11.2886,
2.3516


 14.5701, 10.0989,
1.4950


 16.1477, 12.7066,
3.7087

 14.1559, 9.3663,
1.0618

 17.2300, 14.3644,
5.6318

 18.5276, 16.2743,
8.1769

 20.0532, 18.4474,
11.3930

 21.8187, 20.8940,
15.3241

■ 23.8346, 23.6236,
20.0107

■ 26.1111, 26.6455,
25.4897

■ 28.6576, 29.9683,
31.7962

■ 31.4832, 33.6003,
38.9626

Harmonies

Analogous

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



18.2080, 11.2886, 6.0353



15.2663, 11.2886, 2.3516



11.4961, 11.2886, 1.3346

Triad

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



15.2663, 11.2886, 2.3516



5.3067, 11.2886, 10.2685



13.6831, 11.2886, 40.0044

Complementary

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



15.2663, 11.2886, 2.3516



11.0631, 12.5564, 31.1184

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.



9.9977, 11.2886, 43.4149



15.2663, 11.2886, 2.3516



5.6435, 11.2886, 21.8333

Square

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



15.2663, 11.2886, 2.3516



6.1458, 11.2886, 4.0055



7.1943, 11.2886, 35.4756



17.1630, 11.2886, 27.7492

Rectangle

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



15.2663, 11.2886, 2.3516



9.2087, 11.2886, 1.4347



7.1943, 11.2886, 35.4756



12.4091, 11.2886, 42.4271

Sweetspot

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



15.2666, 11.2892, 2.3518



41.6576, 40.9264, 33.4159



15.6902, 8.3415, 14.1927



9.2007, 8.9403, 6.9716



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



15.2666, 11.2892, 2.3518



25.2827, 16.6186, 1.9316



21.5201, 23.7963, 4.4363



6.3857, 6.5765, 6.5387



12.0683, 8.0191, 0.9118



0.2133, 0.1855, 0.0246

Inverse Universe

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



11.0631, 12.5564, 31.1184



17.3378, 18.6332, 55.1164



6.8638, 4.1577, 29.7187



6.1933, 6.6441, 7.8850



8.2940, 8.9847, 26.2048



0.1585, 0.2033, 0.4033

Previews

White Background



This preview shows how the XYZ color 15.2663, 11.2886, 2.3516 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 15.2663, 11.2886, 2.3516 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 15.2663, 11.2886, 2.3516

Background



This preview shows how black text looks on a background with the XYZ color 15.2663, 11.2886, 2.3516.



This preview shows how white text looks on a background with the XYZ color 15.2663, 11.2886,

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

15.2663, 11.2886, 2.3516

Protanopia

10.2968, 11.3529, 3.0151

Deuteranopia

11.5111, 11.3491, 2.1562



Tritanopia

16.3137, 11.2545, 7.4434

Trichromacy



Original Color

15.2663, 11.2886, 2.3516

Protanomaly

11.6686, 11.0477, 2.7457

Deuteranomaly

12.5887, 11.0660, 2.1819

Tritanomaly

15.7666, 11.2075, 4.9467

Monochromacy



Original Color

15.2663, 11.2886, 2.3516

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

10.7885, 10.0365, 6.6788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2663, 11.2886, 2.3516 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(151, 72, 26)` looks like.

```
.text, #text, p{  
    color:rgb(151, 72, 26)  
}
```

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(151, 72, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 72, 26) }
```

Border

The CSS property to change the border of an element to XYZ 15.2663, 11.2886, 2.3516 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(151, 72, 26) }
```


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

```
.border{ border-color:rgb(151, 72, 26) }
```

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

Here you see how a box with a 4 pixel rgb(151, 72, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 72, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 72, 26);  
box-shadow:4px 4px 4px 4px rgb(151, 72,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2663, 11.2886, 2.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 72, 26) }
```

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

```
.background{ background-color: rgb(151, 72,  
26) }
```

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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