

Converting Colors

XYZ(15.7141, 10.1004, 2.4177)

Have a look what the booklet for
XYZ(15.7141, 10.1004, 2.4177)
contains.

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Color

**XYZ(15.7141, 10.1004,
2.4177)**

Conversions

Conversions Part 1

Format	Color
Hex	9E371F
RGB	158, 55, 31
RGB Percent	62%, 22%, 12%
CMY	0.3804, 0.7843, 0.8784
CMYK	0.00, 0.65, 0.80, 0.38
HSL	11°, 67%, 37%
HSV	11°, 80%, 62%
XYZ	15.7141, 10.1004, 2.4177
YIQ	83.0610, 69.0920, 14.3720

Conversions

Conversions Part 2

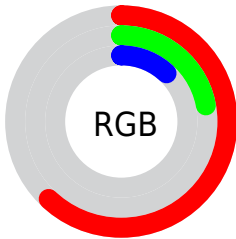
Format	Color
R_{YB}	158, 61, 31
Decimal	10368799
CIE _{Lab}	38.02, 41.57, 36.93
CIE _{LCh}	38, 55.603, 41.616
Yxy	10.1004, 0.5566, 0.3578
Android (android.graphics.Color)	4288558879 (0xFF9E371F)
YUV	83.0610, -25.6661, 65.7215
Hunter-Lab	31.7811, 32.6419, 17.7364

Details

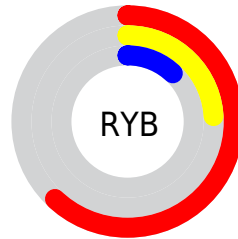
The XYZ color **15.7141, 10.1004, 2.4177** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **15.2610, 19.8087, 35.3667**, and the grayscale version is **8.2756, 8.7066, 9.4815**.

A 20% lighter version of the original color is **35.8107, 26.1113, 10.1737**, and **5.1456, 2.6526, 0.2408** is the 20% darker color. If you saturate the color by 10%, you get **15.0230, 8.9738, 1.3998**, and if you desaturate by 10%, it is **16.6658, 11.5852, 4.0261**.

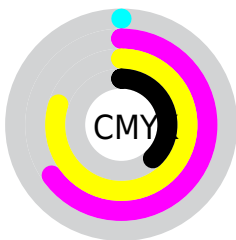
Distribution



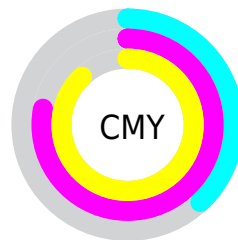
- Red (62%)
- Green (22%)
- Blue (12%)



- Red (62%)
- Yellow (24%)
- Blue (12%)



- Cyan (0%)
- Magenta (65%)
- Yellow (80%)
- Black (38%)



- Cyan (38%)
- Magenta (78%)
- Yellow (88%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7141, 10.1004, 2.4177 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 15.7141, 10.1004, 2.4177 by changing the saturation by 10% instead.

■ 15.7141, 10.1004,
2.4177

■ 15.7141, 10.1004,
2.4177

220.9524,
191.3871, 128.5586

■ 9.4116, 5.4656,
0.7961

■ 35.6626, 25.9842,
10.1542

■ 5.0699, 2.5229,
0.0000

■ 50.0394, 38.0019,
17.1157

■ 2.3235, 0.8881,
0.0000

■ 67.8383, 53.2494,
26.6974

■ 0.8067, 0.0000,
0.0000

■ 89.4247, 72.1111,
39.3179


■ 0.0000, 0.0000,
0.0000


■ 115.1640, 94.9713,
55.3958


■ 145.4214,


122.2144, 75.3495


 180.5625,
154.2249, 99.5975


 15.7141, 10.1004,
2.4177


 15.7141, 10.1004,
2.4177


 15.0230, 8.9738,
1.3998


 16.6658, 11.5852,
4.0261

 14.5614, 8.1908,
0.8135

 17.9018, 13.4540,
6.2978

 19.4438, 15.7323,
9.2952

 21.3108, 18.4426,
13.0737

 23.5206, 21.6061,
17.6829

■ 26.0896, 25.2423,
23.1686

■ 29.0328, 29.3696,
29.5731

■ 32.3648, 34.0054,
36.9360

■ 36.0990, 39.1665,
45.2945

Harmonies

Analogous

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



18.0349, 10.1004, 7.4895



15.7141, 10.1004, 2.4177



11.9366, 10.1004, 0.8942

Triad

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



15.7141, 10.1004, 2.4177



4.4411, 10.1004, 5.8820



11.0525, 10.1004, 43.7699

Complementary

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



15.7141, 10.1004, 2.4177



15.2610, 19.8087, 35.3667

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.



7.5904, 10.1004, 42.2758



15.7141, 10.1004, 2.4177



4.3166, 10.1004, 15.4591

Square

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



15.7141, 10.1004, 2.4177



5.7188, 10.1004, 1.8669



5.3219, 10.1004, 29.9496



14.9301, 10.1004, 33.2719

Rectangle

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



15.7141, 10.1004, 2.4177



9.4075, 10.1004, 0.6974



5.3219, 10.1004, 29.9496



9.7953, 10.1004, 44.7708

Sweetspot

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



15.7143, 10.1010, 2.4179



45.3901, 43.0334, 37.8024



18.9438, 9.9904, 23.7471



9.8826, 9.2053, 7.7753



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.7143, 10.1010, 2.4179



26.6188, 15.1527, 1.7590



20.8008, 20.2740, 4.1134



6.7295, 6.8390, 6.9510



11.6848, 6.6053, 0.6591



0.2333, 0.1669, 0.0199

Inverse Universe

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



15.2610, 19.8087, 35.3667



25.5119, 32.9383, 63.7566



9.0037, 7.2941, 33.2810



6.7152, 7.2962, 8.4611



11.1661, 14.4237, 28.1028



0.2249, 0.3083, 0.5109

Previews

White Background



This preview shows how the XYZ color 15.7141, 10.1004, 2.4177 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

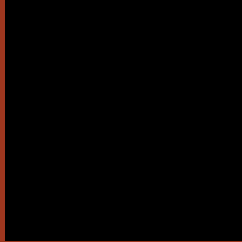
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.7141, 10.1004, 2.4177

Background



This preview shows how black text looks on a background with the XYZ color 15.7141, 10.1004, 2.4177.



This preview shows how white text looks on a background with the XYZ color 15.7141, 10.1004,

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

15.7141, 10.1004, 2.4177

Protanopia

9.3969, 10.3516, 3.6006

Deuteranopia

10.4120, 10.2909, 2.1966



Tritanopia

16.2157, 10.1027, 4.7098

Trichromacy



Original Color

15.7141, 10.1004, 2.4177

Protanomaly

10.9435, 9.6473, 3.0356

Deuteranomaly

11.8975, 9.8482, 2.1935

Tritanomaly

16.0643, 10.1144, 3.6904

Monochromacy



Original Color

15.7141, 10.1004, 2.4177

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

9.7384, 8.4502, 5.9683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7141, 10.1004, 2.4177 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(158, 55, 31)` looks like.

```
.text, #text, p{  
    color:rgb(158, 55, 31)  
}
```

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(158, 55, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 55, 31) }
```

Border

The CSS property to change the border of an element to XYZ 15.7141, 10.1004, 2.4177 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(158, 55, 31) }
```


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

```
.border{ border-color:rgb(158, 55, 31) }
```

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

Here you see how a box with a 4 pixel rgb(158, 55, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 55, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 55, 31);  
box-shadow:4px 4px 4px 4px rgb(158, 55,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7141, 10.1004, 2.4177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 55, 31) }
```

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

```
.background{ background-color: rgb(158, 55,  
31) }
```

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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