

Converting Colors

XYZ(15.5844, 14.7784, 3.1298)

Have a look what the booklet for
XYZ(15.5844, 14.7784, 3.1298)
contains.

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Color

**XYZ(15.5820, 14.7736,
3.1289)**

Conversions

Conversions Part 1

Format	Color
Hex	8C641C
RGB	140, 100, 28
RGB Percent	55%, 39%, 11%
CMY	0.4510, 0.6078, 0.8902
CMYK	0.00, 0.29, 0.80, 0.45
HSL	39°, 67%, 33%
HSV	39°, 80%, 55%
XYZ	15.5820, 14.7736, 3.1289
YIQ	103.7520, 46.9520, -13.9120

Conversions

Conversions Part 2

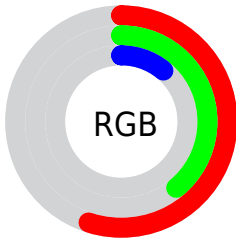
Format	Color
R _Y B	90, 140, 28
Decimal	9200668
CIE Lab	45.32, 9.33, 44.47
CIE LCh	45, 45.437, 78.150
Yxy	14.7736, 0.4653, 0.4412
Android (android.graphics.Color)	4287390748 (0xFF8C641C)
YUV	103.7520, -37.3457, 31.7895
Hunter-Lab	38.4364, 5.0995, 22.0790

Details

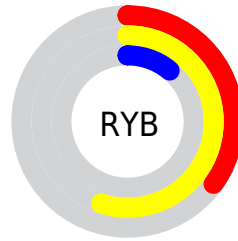
The XYZ color **15.5820, 14.7736, 3.1289** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.2795, 6.2743, 25.6383**, and the grayscale version is **13.1800, 13.8664, 15.1005**.

A 20% lighter version of the original color is **35.4677, 34.5536, 12.0079**, and **5.1569, 4.6168, 0.6193** is the 20% darker color. If you saturate the color by 10%, you get **14.9870, 13.7923, 2.2878**, and if you desaturate by 10%, it is **16.2850, 15.8464, 4.3910**.

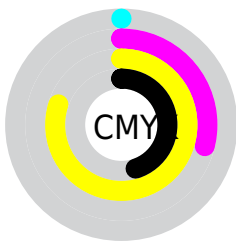
Distribution



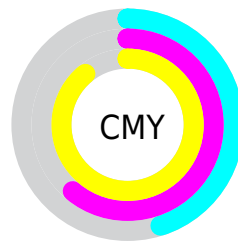
- Red (55%)
- Green (39%)
- Blue (11%)



- Red (35%)
- Yellow (55%)
- Blue (11%)



- Cyan (0%)
- Magenta (29%)
- Yellow (80%)
- Black (45%)



- Cyan (45%)
- Magenta (61%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5820, 14.7736, 3.1289 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 15.5820, 14.7736, 3.1289 by changing the saturation by 10% instead.

■ 15.5820, 14.7736,
3.1289

■ 15.5820, 14.7736,
3.1289

220.1816,
221.9918, 137.9858

■ 9.3178, 8.6606,
1.1608

■ 35.4343, 34.4555,
11.9449

■ 5.0078, 4.5205,
0.0000

■ 49.7532, 48.7933,
19.6299

■ 2.2867, 1.9688,
0.0000

■ 67.4877, 66.6414,
30.0576

■ 0.7878, 0.5892,
0.0000

■ 89.0031, 88.3843,
43.6465

■ 0.0000, 0.0000,
0.0000

■ 114.6649,
114.4064, 60.8153

■ 144.8383,

145.0921, 81.9824

179.8888,
180.8258, 107.5664

15.5820, 14.7736,
3.1289

15.5820, 14.7736,
3.1289

14.9870, 13.7923,
2.2878

16.2850, 15.8464,
4.3910

14.4717, 12.8885,
1.7250

17.1053, 17.0135,
6.1240

14.4717, 12.8884,
1.7250

18.0518, 18.2797,
8.3716

19.1322, 19.6490,
11.1721

20.3537, 21.1250,
14.5605

■ 21.7227, 22.7109,
18.5685

■ 23.2453, 24.4100,
23.2257

■ 24.9271, 26.2252,
28.5598

■ 26.7735, 28.1594,
34.5968

Harmonies

Analogous

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



19.4485, 14.7736, 5.0552



15.5820, 14.7736, 3.1289



11.9047, 14.7736, 3.3311

Triad

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



15.5820, 14.7736, 3.1289



8.2235, 14.7736, 23.4497



20.1562, 14.7736, 34.2691

Complementary

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



15.5820, 14.7736, 3.1289



7.2795, 6.2743, 25.6383

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.



16.4206, 14.7736, 44.9364



15.5820, 14.7736, 3.1289



9.7434, 14.7736, 37.0074

Square

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



15.5820, 14.7736, 3.1289



8.0802, 14.7736, 12.1920



12.6067, 14.7736, 46.1167



22.3882, 14.7736, 20.7316

Rectangle

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



15.5820, 14.7736, 3.1289



10.0268, 14.7736, 4.6677



12.6067, 14.7736, 46.1167



19.0069, 14.7736, 38.5277

Sweetspot

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



15.5823, 14.7743, 3.1292



37.1776, 38.7560, 29.4136



12.3068, 6.8365, 6.3122



8.3924, 8.7276, 6.2704



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.5823, 14.7743, 3.1292



25.7020, 23.0347, 3.2995



18.0549, 23.2050, 4.6261



5.2833, 5.5495, 5.3451



12.8778, 11.4899, 1.5390



0.0994, 0.1041, 0.0149

Inverse Universe

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



7.2795, 6.2743, 25.6383



10.5836, 7.6796, 44.6675



6.1424, 3.2362, 25.1118



4.9113, 5.1656, 6.3440



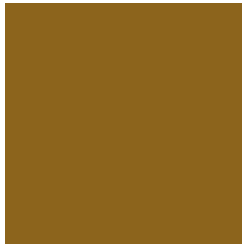
5.2367, 3.7438, 22.4923



0.0477, 0.0507, 0.1537

Previews

White Background



This preview shows how the XYZ color 15.5820, 14.7736, 3.1289 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 15.5820, 14.7736, 3.1289 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 15.5820, 14.7736, 3.1289

Background



This preview shows how black text looks on a background with the XYZ color 15.5820, 14.7736, 3.1289.



This preview shows how white text looks on a background with the XYZ color 15.5820, 14.7736,

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

15.5820, 14.7736, 3.1289

Protanopia

13.4821, 14.8838, 3.3906

Deuteranopia

14.9409, 14.7328, 3.0931



Tritanopia

17.7162, 14.6781, 13.9560

Trichromacy



Original Color

15.5820, 14.7736, 3.1289

Protanomaly

14.1754, 14.7811, 3.2683

Deuteranomaly

15.1680, 14.7049, 3.0758

Tritanomaly

16.7466, 14.6998, 8.4333

Monochromacy



Original Color

15.5820, 14.7736, 3.1289

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.4909, 14.0042, 8.8295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5820, 14.7736, 3.1289 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(140, 100, 28)` looks like.

```
.text, #text, p{  
    color:rgb(140, 100, 28)  
}
```

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(140, 100, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 100, 28) }
```

Border

The CSS property to change the border of an element to XYZ 15.5820, 14.7736, 3.1289 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(140, 100, 28) }
```


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

```
.border{ border-color:rgb(140, 100, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 100, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 100, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 100, 28);  
box-shadow:4px 4px 4px 4px rgb(140, 100,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5820, 14.7736, 3.1289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 100, 28) }
```

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

```
.background{ background-color: rgb(140,  
100, 28) }
```

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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