

Converting Colors

XYZ(15.4715, 9.6653, 1.2224)

Have a look what the booklet for
XYZ(15.4715, 9.6653, 1.2224)
contains.

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Color

**XYZ(15.4715, 9.6653,
1.2224)**

Conversions

Conversions Part 1

Format	Color
Hex	9F3206
RGB	159, 50, 6
RGB Percent	62%, 20%, 2%
CMY	0.3765, 0.8039, 0.9765
CMYK	0.00, 0.69, 0.96, 0.38
HSL	17°, 93%, 32%
HSV	17°, 96%, 62%
XYZ	15.4715, 9.6653, 1.2224
YIQ	77.5750, 79.0880, 9.4240

Conversions

Conversions Part 2

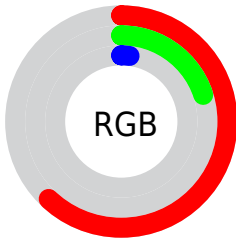
Format	Color
R_{YB}	159, 68, 6
Decimal	10433030
CIE _{Lab}	37.23, 43.54, 47.00
CIE _{LCh}	37, 64.071, 47.188
Yxy	9.6653, 0.5869, 0.3667
Android (android.graphics.Color)	4288623110 (0xFF9F3206)
YUV	77.5750, -35.2865, 71.4097
Hunter-Lab	31.0891, 34.4248, 19.4311

Details

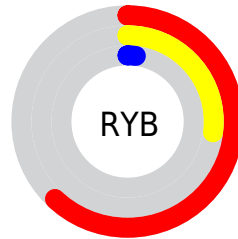
The XYZ color **15.4715, 9.6653, 1.2224** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.4628, 14.8013, 35.0005**, and the grayscale version is **7.2158, 7.5916, 8.2673**.

A 20% lighter version of the original color is **35.2840, 25.1604, 6.7382**, and **5.1456, 2.6526, 0.2408** is the 20% darker color. If you saturate the color by 10%, you get **15.2645, 9.3041, 0.9913**, and if you desaturate by 10%, it is **16.1284, 10.8017, 1.9889**.

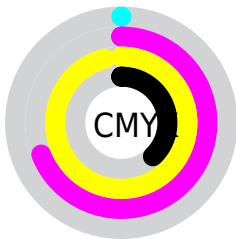
Distribution



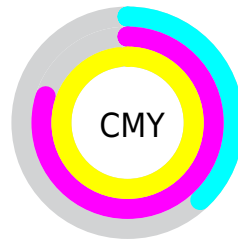
- Red (62%)
- Green (20%)
- Blue (2%)



- Red (62%)
- Yellow (27%)
- Blue (2%)



- Cyan (0%)
- Magenta (69%)
- Yellow (96%)
- Black (38%)





- Cyan (38%)
- Magenta (80%)
- Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 15.4715, 9.6653, 1.2224 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 15.4715, 9.6653, 1.2224 by changing the saturation by 10% instead.


 15.4715, 9.6653,
1.2224


 15.4715, 9.6653,
1.2224


 219.5349,
188.2663, 108.8104


 9.2394, 5.1776,
0.0000


 35.2431, 25.1640,
6.7784


 4.9560, 2.3518,
0.0000

 49.5134, 36.9439,
12.2335


 2.2560, 0.8009,
0.0000

 67.1938, 51.9232,
20.0313

 0.7720, 0.0000,
0.0000


 88.6497, 70.4865,
30.5904


 0.0000, 0.0000,
0.0000


 114.2463, 93.0180,
44.3293


 144.3492,


119.9022, 61.6666


 179.3236,
151.5235, 83.0208


 15.4715, 9.6653,
1.2224


 15.4715, 9.6653,
1.2224


 15.2645, 9.3041,
0.9913

 16.1284, 10.8017,
1.9889

 17.0049, 12.2302,
3.2812

 18.1261, 13.9731,
5.1949

 19.5113, 16.0491,
7.7977

 21.1778, 18.4753,
11.1487

■ 23.1411, 21.2674,
15.3002

■ 25.4154, 24.4402,
20.3000

■ 28.0143, 28.0078,
26.1921

■ 30.9502, 31.9831,
33.0174

Harmonies

Analogous

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



18.6737, 9.6653, 5.2624



15.4715, 9.6653, 1.2224



11.0009, 9.6653, 0.1204

Triad

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



15.4715, 9.6653, 1.2224



3.5405, 9.6653, 6.3541



11.6533, 9.6653, 48.7408

Complementary

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



15.4715, 9.6653, 1.2224



12.4628, 14.8013, 35.0005

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.



7.5835, 9.6653, 49.9607



15.4715, 9.6653, 1.2224



3.6216, 9.6653, 18.4721

Square

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



15.4715, 9.6653, 1.2224



4.6188, 9.6653, 1.5281



4.8865, 9.6653, 36.3833



16.0670, 9.6653, 33.7305

Rectangle

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



15.4715, 9.6653, 1.2224



8.2570, 9.6653, 0.0441



4.8865, 9.6653, 36.3833



10.1834, 9.6653, 51.0291

Sweetspot

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



15.4717, 9.6659, 1.2225



44.0996, 41.8042, 33.2049



17.4950, 8.7539, 17.1838



9.5739, 8.9106, 6.6774



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.



15.4717, 9.6659, 1.2225



27.1918, 16.3710, 1.7268



21.7724, 22.2672, 3.3228



6.7808, 6.9415, 6.9681



12.0886, 7.4128, 0.7937



0.2497, 0.1996, 0.0254

Inverse Universe

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



12.4628, 14.8013, 35.0005



21.6629, 25.3937, 62.5032



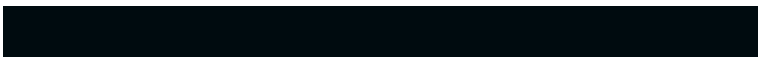
7.0635, 4.0028, 33.2008



6.6605, 7.1868, 8.4428



9.6672, 11.4260, 27.6032



0.2069, 0.2724, 0.5049

Previews

White Background



This preview shows how the XYZ color 15.4715, 9.6653, 1.2224 looks on a white background.

Color Contrast Check

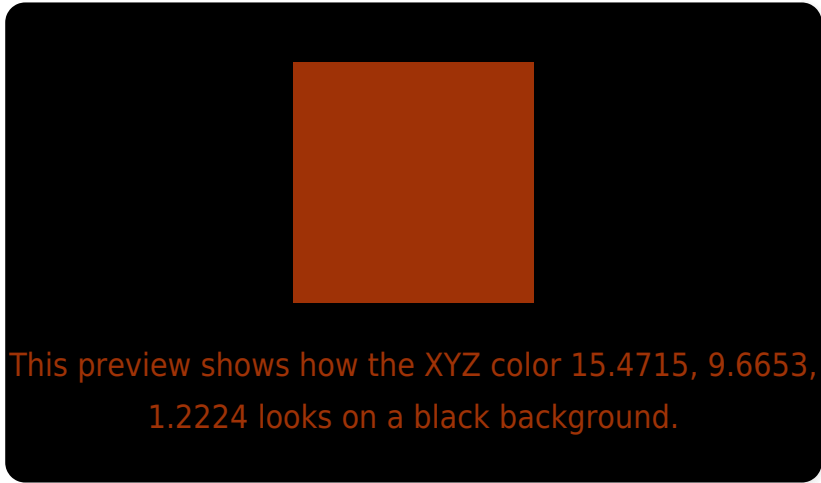
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 15.4715, 9.6653, 1.2224

Background



This preview shows how black text looks on a background with the XYZ color 15.4715, 9.6653, 1.2224.



This preview shows how white text looks on a background with the XYZ color 15.4715, 9.6653,

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

15.4715, 9.6653, 1.2224

Protanopia

8.9371, 9.8978, 2.0117

Deuteranopia

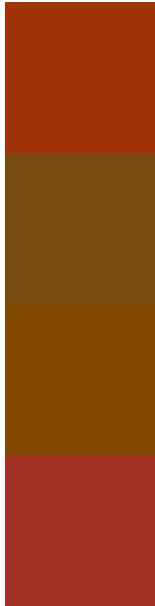
9.8524, 9.7854, 1.3695



Tritanopia

16.0681, 9.7284, 3.9366

Trichromacy



Original Color

15.4715, 9.6653, 1.2224

Protanomaly

10.4805, 9.1288, 1.6251

Deuteranomaly

11.3816, 9.3062, 1.2538

Tritanomaly

15.8287, 9.6973, 2.4763

Monochromacy



Original Color

15.4715, 9.6653, 1.2224

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

8.7504, 7.5080, 4.2368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4715, 9.6653, 1.2224 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(159, 50, 6)` looks like.

```
.text, #text, p{  
    color:rgb(159, 50, 6)  
}
```

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(159, 50, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 50, 6) }
```

Border

The CSS property to change the border of an element to XYZ 15.4715, 9.6653, 1.2224 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(159, 50, 6) }
```


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

```
.border{ border-color:rgb(159, 50, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 50, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 50, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 50, 6);  
box-shadow:4px 4px 4px 4px rgb(159, 50, 6)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.4715, 9.6653, 1.2224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 50, 6) }
```

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

```
.background{ background-color: rgb(159, 50,  
6) }
```

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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