

Converting Colors

XYZ(15.5659, 17.1409, 9.0887)

Have a look what the booklet for
XYZ(15.5659, 17.1409, 9.0887)
contains.

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Color

**XYZ(15.5414, 17.1364,
9.1451)**

Conversions

Conversions Part 1

Format	Color
Hex	7A744B
RGB	122, 116, 75
RGB Percent	48%, 45%, 29%
CMY	0.5216, 0.5451, 0.7059
CMYK	0.00, 0.05, 0.39, 0.52
HSL	52°, 24%, 39%
HSV	52°, 39%, 48%
XYZ	15.5414, 17.1364, 9.1451
YIQ	113.1200, 16.7370, -11.4790

Conversions

Conversions Part 2

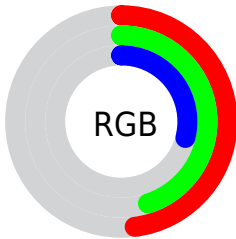
Format	Color
R_{YB}	82, 122, 75
Decimal	8025163
CIE Lab	48.43, -4.31, 23.50
CIE LCh	48, 23.893, 100.387
Yxy	17.1364, 0.3716, 0.4097
Android (android.graphics.Color)	4286215243 (0xFF7A744B)
YUV	113.1200, -18.7932, 7.7878
Hunter-Lab	41.3961, -5.4288, 15.8791

Details

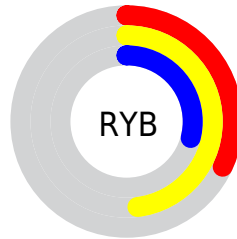
The XYZ color **15.5414, 17.1364, 9.1451** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.3568, 8.7854, 19.6148**, and the grayscale version is **15.7826, 16.6045, 18.0823**.

A 20% lighter version of the original color is **35.3199, 38.5745, 24.6528**, and **4.9740, 5.6057, 2.0481** is the 20% darker color. If you saturate the color by 10%, you get **14.9855, 16.6300, 7.0936**, and if you desaturate by 10%, it is **16.1813, 17.6824, 11.6201**.

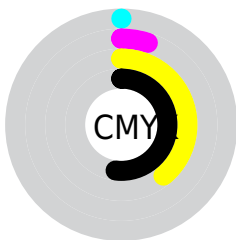
Distribution



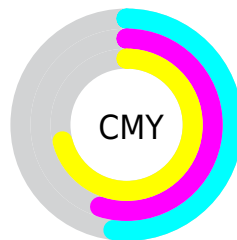
- Red (48%)
- Green (45%)
- Blue (29%)



- Red (32%)
- Yellow (48%)
- Blue (29%)



- Cyan (0%)
- Magenta (5%)
- Yellow (39%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5414, 17.1364, 9.1451 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 15.5414, 17.1364, 9.1451 by changing the saturation by 10% instead.

■ 15.5414, 17.1364,
9.1451

■ 15.5414, 17.1364,
9.1451

219.9442,
235.9572, 194.7144

■ 9.2890, 10.3318,
4.7378

■ 35.3641, 38.5601,
24.7568

■ 4.9888, 5.6195,
2.0382

■ 49.6651, 53.9481,
36.7983

■ 2.2754, 2.6151,
0.5786

■ 67.3798, 72.9659,
52.2216

■ 0.7820, 0.9343,
0.0000

■ 88.8733, 95.9980,
71.4452

■ 0.0000, 0.0000,
0.0000

■ 114.5112,
123.4288, 94.8878

144.6587,

155.6426, 122.9679

179.6813,
193.0240, 156.1039

■ 15.5414, 17.1364,
9.1451

■ 15.5414, 17.1364,
9.1451

■ 14.9855, 16.6300,
7.0936

■ 16.1813, 17.6824,
11.6201

■ 14.5077, 16.1590,
5.4404

■ 16.9080, 18.2675,
14.5400

■ 14.1033, 15.7221,
4.1592

■ 17.7261, 18.8939,
17.9256

■ 13.7667, 15.3170,
3.2200

■ 18.6392, 19.5632,
21.7965

■ 13.4912, 14.9412,
2.5884

■ 19.6508, 20.2768,
26.1710

■ 13.2587, 14.5872,
2.1685

■ 20.7642, 21.0361,
31.0663

■ 13.2250, 14.5356,
2.1086

■ 21.9826, 21.8422,
36.4992

■ 23.3089, 22.6966,
42.4852

■ 24.7461, 23.6002,
49.0397

Harmonies

Analogous

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



17.7399, 17.1364, 9.4602



15.5414, 17.1364, 9.1451



13.7128, 17.1364, 10.9086

Triad

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



15.5414, 17.1364, 9.1451



13.2909, 17.1364, 27.5972



20.5772, 17.1364, 22.9986

Complementary

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



15.5414, 17.1364, 9.1451



9.3568, 8.7854, 19.6148

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.



19.1662, 17.1364, 29.4133



15.5414, 17.1364, 9.1451



14.9169, 17.1364, 32.4525

Square

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



15.5414, 17.1364, 9.1451



12.4927, 17.1364, 20.9145



17.0574, 17.1364, 33.1828



20.7824, 17.1364, 16.5711

Rectangle

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



15.5414, 17.1364, 9.1451



12.8994, 17.1364, 13.3193



17.0574, 17.1364, 33.1828



20.2225, 17.1364, 25.2625

Sweetspot

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



15.5418, 17.1372, 9.1455



30.6246, 32.8166, 29.1953



12.0374, 9.7679, 9.0882



6.9702, 7.4791, 6.5424



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.5418, 17.1372, 9.1455



26.4941, 29.3796, 12.9469



14.0279, 17.4161, 9.2791



4.2662, 4.5509, 4.2780



13.9198, 15.2955, 2.2187



65.9651, 72.0937, 10.4387

Inverse Universe

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



9.3568, 8.7854, 19.6148



14.0215, 12.5428, 34.0749



10.4660, 8.7248, 19.5447



3.8351, 3.9684, 5.0070



3.8829, 1.8482, 19.5374



18.1642, 8.1010, 93.0761

Previews

White Background



This preview shows how the XYZ color 15.5414, 17.1364, 9.1451 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 15.5414, 17.1364, 9.1451 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 15.5414, 17.1364, 9.1451

Background



This preview shows how black text looks on a background with the XYZ color 15.5414, 17.1364, 9.1451.



This preview shows how white text looks on a background with the XYZ color 15.5414, 17.1364,

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

15.5414, 17.1364, 9.1451

Protanopia

15.8582, 17.1294, 9.1271

Deuteranopia

17.3617, 17.0769, 9.2186



Tritanopia

17.7666, 17.2128, 19.8388

Trichromacy



Original Color

15.5414, 17.1364, 9.1451

Protanomaly

15.7129, 17.0546, 9.1203

Deuteranomaly

16.6144, 17.0157, 9.2462

Tritanomaly

16.8108, 17.1495, 15.2561

Monochromacy



Original Color

15.5414, 17.1364, 9.1451

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4719, 16.6485, 14.2024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5414, 17.1364, 9.1451 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(122, 116, 75)` looks like.

```
.text, #text, p{  
    color:rgb(122, 116, 75)  
}
```

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(122, 116, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 116, 75) }
```

Border

The CSS property to change the border of an element to XYZ 15.5414, 17.1364, 9.1451 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(122, 116, 75) }
```


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

```
.border{ border-color:rgb(122, 116, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 116, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 116, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 116, 75);  
box-shadow:4px 4px 4px 4px rgb(122, 116,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5414, 17.1364, 9.1451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 116, 75) }
```

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

```
.background{ background-color: rgb(122,  
116, 75) }
```

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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