

Converting Colors

XYZ(15.1228, 17.4354, 3.4056)

Have a look what the booklet for
XYZ(15.1228, 17.4354, 3.4056)
contains.

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Color

**XYZ(15.1008, 17.3828,
3.4235)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7618
RGB	125, 118, 24
RGB Percent	49%, 46%, 9%
CMY	0.5098, 0.5372, 0.9059
CMYK	0.00, 0.06, 0.81, 0.51
HSL	56°, 68%, 29%
HSV	56°, 81%, 49%
XYZ	15.1008, 17.3828, 3.4235
YIQ	109.3770, 34.3460, -27.7500

Conversions

Conversions Part 2

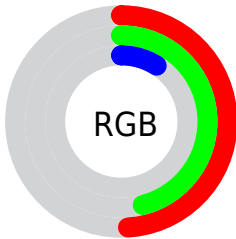
Format	Color
R_{YB}	32, 125, 24
Decimal	8222232
CIE _{Lab}	48.74, -8.24, 48.49
CIE _{LCh}	49, 49.189, 99.645
Yxy	17.3828, 0.4206, 0.4841
Android (android.graphics.Color)	4286412312 (0xFF7D7618)
YUV	109.3770, -42.0909, 13.7014
Hunter-Lab	41.6927, -8.3107, 24.3164

Details

The XYZ color **15.1008, 17.3828, 3.4235** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.5685, 2.6549, 19.6737**, and the grayscale version is **14.7528, 15.5211, 16.9025**.

A 20% lighter version of the original color is **34.5367, 38.9886, 12.7264**, and **4.9378, 5.7968, 0.8586** is the 20% darker color. If you saturate the color by 10%, you get **14.8981, 17.1400, 2.8553**, and if you desaturate by 10%, it is **15.3649, 17.6530, 4.3073**.

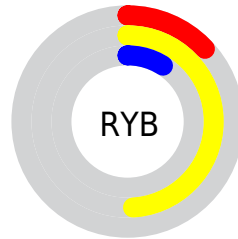
Distribution



Red (49%)

Green (46%)

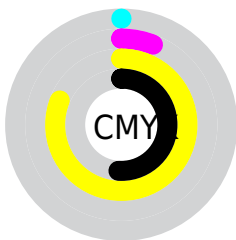
Blue (9%)



Red (13%)

Yellow (49%)

Blue (9%)

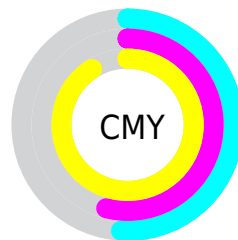


Cyan (0%)

Magenta (6%)

Yellow (81%)

Black (51%)



Cyan (51%)

Magenta (54%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1008, 17.3828, 3.4235 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 15.1008, 17.3828, 3.4235 by changing the saturation by 10% instead.

■ 15.1008, 17.3828,
3.4235

■ 15.1008, 17.3828,
3.4235

217.3518,
237.3688, 141.5842

■ 8.9769, 10.5078,
1.3147

■ 34.6001, 38.9828,
12.6567

■ 4.7831, 5.7369,
0.0738

■ 48.7063, 54.4765,
20.6182

■ 2.1540, 2.6858,
0.0000

■ 66.2039, 73.6120,
31.3677

■ 0.7183, 0.9700,
0.0000

■ 87.4584, 96.7736,
45.3238

■ 0.0000, 0.0000,
0.0000

■ 112.8351,
124.3456, 62.9049

■ 142.6993,

156.7126, 84.5297

177.4164,
194.2589, 110.6166

15.1008, 17.3828,
3.4235

15.1008, 17.3828,
3.4235

14.8981, 17.1400,
2.8553

15.3649, 17.6530,
4.3073

14.7422, 16.9294,
2.4907

15.6966, 17.9511,
5.5438

16.1024, 18.2804,
7.1662

16.5879, 18.6430,
9.2035

17.1581, 19.0410,
11.6820

■ 17.8175, 19.4763,
14.6257

■ 18.5703, 19.9504,
18.0570

■ 19.4207, 20.4651,
21.9968

■ 20.3722, 21.0217,
26.4648

Harmonies

Analogous

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



19.7511, 17.3828, 3.8249



15.1008, 17.3828, 3.4235



11.5507, 17.3828, 5.4578

Triad

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



15.1008, 17.3828, 3.4235



10.6660, 17.3828, 39.8017



26.1418, 17.3828, 29.0331

Complementary

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



15.1008, 17.3828, 3.4235



4.5685, 2.6549, 19.6737

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.



22.7469, 17.3828, 45.4725



15.1008, 17.3828, 3.4235



13.6652, 17.3828, 53.4150

Square

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



15.1008, 17.3828, 3.4235



9.3184, 17.3828, 23.4364



18.0293, 17.3828, 55.8657



26.7191, 17.3828, 15.0365

Rectangle

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



15.1008, 17.3828, 3.4235



10.0711, 17.3828, 8.8887



18.0293, 17.3828, 55.8657



25.2662, 17.3828, 34.5976

Sweetspot

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



15.1012, 17.3836, 3.4239



31.4407, 34.5744, 24.0958



9.0506, 5.1200, 1.9079



7.0729, 7.8124, 5.1296



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.1012, 17.3836, 3.4239



26.4382, 30.3507, 4.6054



11.0586, 16.5685, 3.4796



4.6407, 4.9701, 4.6349



15.3844, 17.6651, 2.5989



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.5685, 2.6549, 19.6737



6.8733, 3.0496, 34.9707



6.2810, 3.2954, 19.7070



4.1309, 4.2559, 5.4170



3.9593, 1.7371, 20.3766



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1008, 17.3828, 3.4235 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 15.1008, 17.3828, 3.4235 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 15.1008, 17.3828, 3.4235

Background



This preview shows how black text looks on a background with the XYZ color 15.1008, 17.3828, 3.4235.



This preview shows how white text looks on a background with the XYZ color 15.1008, 17.3828,

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

15.1008, 17.3828, 3.4235

Protanopia

15.6162, 17.3026, 3.3808

Deuteranopia

17.6396, 17.3467, 3.5171



Tritanopia

18.3617, 17.3654, 19.5236

Trichromacy



Original Color

15.1008, 17.3828, 3.4235

Protanomaly

15.4282, 17.3777, 3.4052

Deuteranomaly

16.5842, 17.2927, 3.5006

Tritanomaly

16.5586, 17.1175, 10.8188

Monochromacy



Original Color

15.1008, 17.3828, 3.4235

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.2395, 15.7832, 9.5037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1008, 17.3828, 3.4235 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(125, 118, 24)` looks like.

```
.text, #text, p{  
    color:rgb(125, 118, 24)  
}
```

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(125, 118, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 118, 24) }
```

Border

The CSS property to change the border of an element to XYZ 15.1008, 17.3828, 3.4235 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(125, 118, 24) }
```


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

```
.border{ border-color:rgb(125, 118, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 118, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 118, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 118, 24);  
box-shadow:4px 4px 4px 4px rgb(125, 118,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1008, 17.3828, 3.4235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 118, 24) }
```

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

```
.background{ background-color: rgb(125,  
118, 24) }
```

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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