

Converting Colors

XYZ(15.0781, 18.3671, 3.9408)

Have a look what the booklet for
XYZ(15.0781, 18.3671, 3.9408)
contains.

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Color

**XYZ(15.1752, 18.4971,
3.9329)**

Conversions

Conversions Part 1

Format	Color
Hex	787C1D
RGB	120, 124, 29
RGB Percent	47%, 49%, 11%
CMY	0.5294, 0.5137, 0.8863
CMYK	0.03, 0.00, 0.77, 0.51
HSL	63°, 62%, 30%
HSV	63°, 77%, 49%
XYZ	15.1752, 18.4971, 3.9329
YIQ	111.9740, 28.1110, -30.3930

Conversions

Conversions Part 2

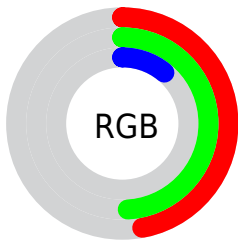
Format	Color
R_{YB}	29, 124, 33
Decimal	7896093
CIE _{Lab}	50.09, -13.64, 47.84
CIE _{LCh}	50, 49.748, 105.909
Yxy	18.4971, 0.4035, 0.4919
Android (android.graphics.Color)	4286086173 (0xFF787C1D)
YUV	111.9740, -40.9062, 7.0388
Hunter-Lab	43.0083, -12.2818, 24.6840

Details

The XYZ color **15.1752, 18.4971, 3.9329** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.7052, 2.6577, 19.3349**, and the grayscale version is **15.5045, 16.3119, 17.7637**.

A 20% lighter version of the original color is **34.6897, 40.7587, 13.8235**, and **4.9000, 6.2611, 0.9503** is the 20% darker color. If you saturate the color by 10%, you get **14.9796, 18.4112, 3.2784**, and if you desaturate by 10%, it is **15.4338, 18.6096, 4.9136**.

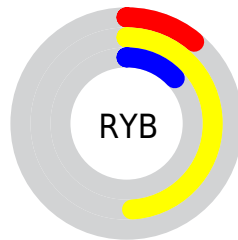
Distribution



Red (47%)

Green (49%)

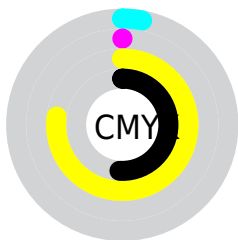
Blue (11%)



Red (11%)

Yellow (49%)

Blue (13%)

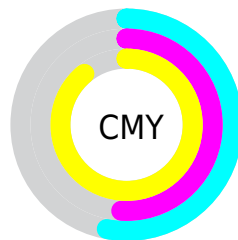


Cyan (3%)

Magenta (0%)

Yellow (77%)

Black (51%)



Cyan (53%)

Magenta (51%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1752, 18.4971, 3.9329 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 15.1752, 18.4971, 3.9329 by changing the saturation by 10% instead.

■ 15.1752, 18.4971,
3.9329

■ 15.1752, 18.4971,
3.9329

217.7916,
243.6582, 147.4766

■ 9.0296, 11.3075,
1.5886

■ 34.7294, 40.8826,
13.8547

■ 4.8177, 6.2740,
0.2827

■ 48.8686, 56.8472,
22.2693

■ 2.1744, 3.0124,
0.0000

■ 66.4031, 76.5056,
33.5444

■ 0.7292, 1.1382,
0.0000

■ 87.6982, 100.2422,
48.0986

■ 0.0000, 0.0104,
0.0000

■ 113.1192,
128.4413, 66.3503

■ 0.0000, 0.0000,
0.0000

■ 143.0316,

161.4875, 88.7182

177.8006,
199.7650, 115.6208

15.1752, 18.4971,
3.9329

15.1752, 18.4971,
3.9329

14.9796, 18.4112,
3.2784

15.4338, 18.6096,
4.9136

14.8327, 18.3441,
2.8797

15.7608, 18.7489,
6.2542

14.7854, 18.3224,
2.7573

16.1625, 18.9180,
7.9857

16.6439, 19.1191,
10.1352

17.2098, 19.3540,
12.7275

■ 17.8645, 19.6246,
15.7855

■ 18.6120, 19.9323,
19.3304

■ 19.4563, 20.2787,
23.3822

■ 20.4008, 20.6652,
27.9599

Harmonies

Analogous

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



19.9199, 18.4971, 3.8604



15.1752, 18.4971, 3.9329



11.7608, 18.4971, 6.7975

Triad

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



15.1752, 18.4971, 3.9329



11.9197, 18.4971, 45.6466



28.1124, 18.4971, 27.2686

Complementary

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



15.1752, 18.4971, 3.9329



4.7052, 2.6577, 19.3349

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.



25.0604, 18.4971, 44.6326



15.1752, 18.4971, 3.9329



15.4327, 18.4971, 58.0854

Square

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



15.1752, 18.4971, 3.9329



10.1278, 18.4971, 28.2704



20.2284, 18.4971, 57.6474



28.0090, 18.4971, 13.7405

Rectangle

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



15.1752, 18.4971, 3.9329



10.4421, 18.4971, 11.1782



20.2284, 18.4971, 57.6474



27.4005, 18.4971, 32.9394

Sweetspot

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



15.1756, 18.4980, 3.9333



30.6195, 34.1957, 23.9562



9.0556, 5.4163, 1.7308



7.1325, 8.0210, 5.2763



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.



15.1756, 18.4980, 3.9333



26.1623, 32.3077, 5.2329



10.2032, 15.9346, 3.7006



4.2919, 4.6257, 4.2911



15.0293, 18.6251, 2.8029



71.5051, 88.7477, 13.3613

Inverse Universe

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



4.7052, 2.6577, 19.3349



6.8144, 2.9842, 33.7735



7.3583, 4.0254, 19.4591



3.8118, 3.9009, 4.9952



3.7644, 1.5134, 19.4790



17.7754, 7.1255, 92.9083

Previews

White Background



This preview shows how the XYZ color 15.1752, 18.4971, 3.9329 looks on a white 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

Black Background



This preview shows how the XYZ color 15.1752, 18.4971, 3.9329 looks on a black 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

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

XYZ 15.1752, 18.4971, 3.9329

Background



This preview shows how black text looks on a background with the XYZ color 15.1752, 18.4971, 3.9329.



This preview shows how white text looks on a background with the XYZ color 15.1752, 18.4971,

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

15.1752, 18.4971, 3.9329

Protanopia

16.6379, 18.3458, 3.7628

Deuteranopia

18.5883, 18.3153, 4.0689



Tritanopia

18.8491, 18.5606, 21.9911

Trichromacy



Original Color

15.1752, 18.4971, 3.9329

Protanomaly

16.1002, 18.4257, 3.8066

Deuteranomaly

17.1032, 18.2301, 3.9838

Tritanomaly

16.8997, 18.2918, 12.3128

Monochromacy



Original Color

15.1752, 18.4971, 3.9329

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.8386, 16.7448, 10.4326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1752, 18.4971, 3.9329 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(120, 124, 29)` looks like.

```
.text, #text, p{  
    color:rgb(120, 124, 29)  
}
```

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(120, 124, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 124, 29) }
```

Border

The CSS property to change the border of an element to XYZ 15.1752, 18.4971, 3.9329 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(120, 124, 29) }
```


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

```
.border{ border-color:rgb(120, 124, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 124, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 124, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 124, 29);  
box-shadow:4px 4px 4px 4px rgb(120, 124,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1752, 18.4971, 3.9329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 124, 29) }
```

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

```
.background{ background-color: rgb(120,  
124, 29) }
```

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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