

Converting Colors

XYZ(15.5204, 17.2466, 3.6733)

Have a look what the booklet for
XYZ(15.5204, 17.2466, 3.6733)
contains.

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Color

**XYZ(15.5204, 17.2466,
3.6733)**

Conversions

Conversions Part 1

Format	Color
Hex	81741D
RGB	129, 116, 29
RGB Percent	51%, 45%, 11%
CMY	0.4941, 0.5451, 0.8863
CMYK	0.00, 0.10, 0.78, 0.49
HSL	52°, 63%, 31%
HSV	52°, 78%, 51%
XYZ	15.5204, 17.2466, 3.6733
YIQ	109.9690, 35.6750, -24.3010

Conversions

Conversions Part 2

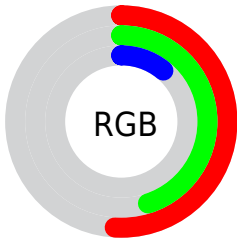
Format	Color
R_{YB}	44, 129, 29
Decimal	8483869
CIE Lab	48.57, -5.03, 46.70
CIE LCh	49, 46.972, 96.141
Yxy	17.2466, 0.4259, 0.4733
Android (android.graphics.Color)	4286673949 (0xFF81741D)
YUV	109.9690, -39.9177, 16.6902
Hunter-Lab	41.5290, -5.9660, 23.8260

Details

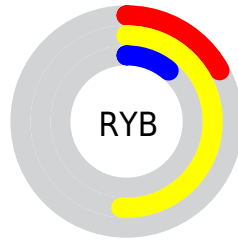
The XYZ color **15.5204, 17.2466, 3.6733** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.2971, 3.5021, 21.1655**, and the grayscale version is **14.9163, 15.6931, 17.0898**.

A 20% lighter version of the original color is **35.4582, 38.8987, 13.2288**, and **5.1277, 5.7120, 0.8323** is the 20% darker color. If you saturate the color by 10%, you get **15.2018, 16.8134, 2.9383**, and if you desaturate by 10%, it is **15.9102, 17.7152, 4.7622**.

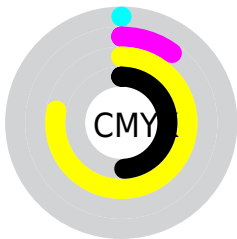
Distribution



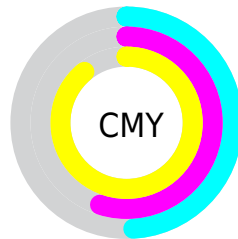
- Red (51%)
- Green (45%)
- Blue (11%)



- Red (17%)
- Yellow (51%)
- Blue (11%)



- Cyan (0%)
- Magenta (10%)
- Yellow (78%)
- Black (49%)



- Cyan (49%)
- Magenta (55%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5204, 17.2466, 3.6733 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 15.5204, 17.2466, 3.6733 by changing the saturation by 10% instead.

■ 15.5204, 17.2466,
3.6733

■ 15.5204, 17.2466,
3.6733

219.8213,
236.5895, 144.5218

■ 9.2741, 10.4105,
1.4479

■ 35.3278, 38.7493,
13.2490

■ 4.9789, 5.6719,
0.1786

■ 49.6196, 54.1846,
21.4364

■ 2.2695, 2.6466,
0.0000

■ 67.3239, 73.2551,
32.4481

■ 0.7790, 0.9502,
0.0000

■ 88.8062, 96.3453,
46.7028

■ 0.0000, 0.0000,
0.0000

■ 114.4317,
123.8394, 64.6190

■ 144.5658,

156.1218, 86.6152

179.5739,
193.5771, 113.1099

15.5204, 17.2466,
3.6733

15.5204, 17.2466,
3.6733

15.2018, 16.8134,
2.9383

15.9102, 17.7152,
4.7622

14.9369, 16.4065,
2.4715

16.3774, 18.2197,
6.2433

14.8732, 16.3072,
2.3637

16.9289, 18.7636,
8.1509

17.5705, 19.3492,
10.5154

18.3075, 19.9786,
13.3644

■ 19.1446, 20.6538,
16.7233

■ 20.0864, 21.3767,
20.6157

■ 21.1371, 22.1489,
25.0637

■ 22.3006, 22.9720,
30.0882

Harmonies

Analogous

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



19.9838, 17.2466, 4.3495



15.5204, 17.2466, 3.6733



11.9685, 17.2466, 5.3808

Triad

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



15.5204, 17.2466, 3.6733



10.5619, 17.2466, 36.5753



25.2147, 17.2466, 30.1272

Complementary

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



15.5204, 17.2466, 3.6733



5.2971, 3.5021, 21.1655

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.



21.7908, 17.2466, 45.2576



15.5204, 17.2466, 3.6733



13.2593, 17.2466, 49.9842

Square

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



15.5204, 17.2466, 3.6733



9.4476, 17.2466, 21.4380



17.2964, 17.2466, 53.7125



26.1066, 17.2466, 16.3488

Rectangle

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



15.5204, 17.2466, 3.6733



10.4210, 17.2466, 8.4046



17.2964, 17.2466, 53.7125



24.2956, 17.2466, 35.3789

Sweetspot

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



15.5208, 17.2474, 3.6736



33.3593, 36.2486, 26.2139



9.9166, 5.7155, 2.8027



7.4498, 8.1222, 5.5320



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.5208, 17.2474, 3.6736



26.8608, 29.5505, 4.6289



12.5191, 18.0817, 3.9929



4.6192, 4.9271, 4.6277



14.5038, 15.9040, 2.3054



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.2971, 3.5021, 21.1655



7.7643, 3.9546, 37.5466



6.6263, 3.6106, 21.1164



4.1505, 4.2949, 5.4235



4.0573, 1.9331, 20.4092



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.5204, 17.2466, 3.6733 looks on a white background.

Color Contrast Check

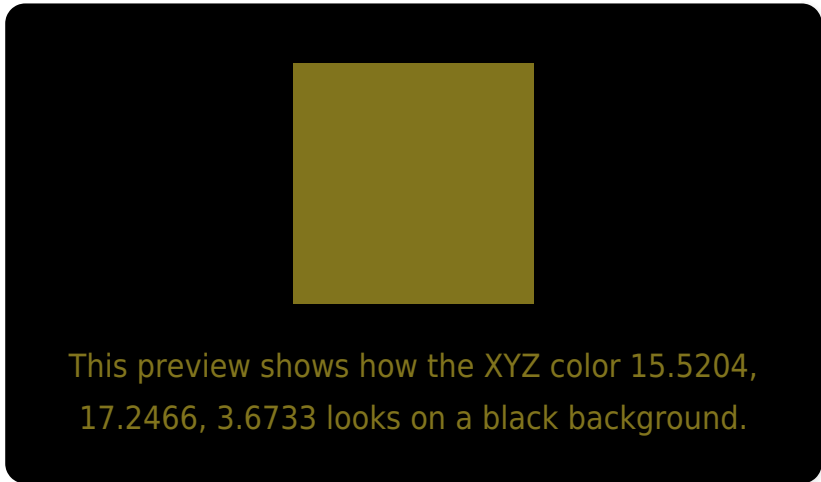
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

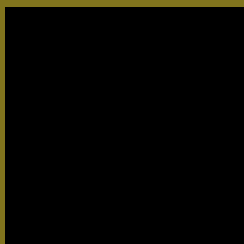
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5204, 17.2466, 3.6733

Background



This preview shows how black text looks on a background with the XYZ color 15.5204, 17.2466, 3.6733.



This preview shows how white text looks on a background with the XYZ color 15.5204, 17.2466,

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

15.5204, 17.2466, 3.6733

Protanopia

15.6731, 17.3253, 3.6805

Deuteranopia

17.5137, 17.2759, 3.7780



Tritanopia

18.7268, 17.2437, 19.1710

Trichromacy



Original Color

15.5204, 17.2466, 3.6733

Protanomaly

15.6731, 17.3253, 3.6805

Deuteranomaly

16.6890, 17.1762, 3.7321

Tritanomaly

16.9970, 17.0113, 10.9820

Monochromacy



Original Color

15.5204, 17.2466, 3.6733

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.6155, 15.9643, 10.0957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5204, 17.2466, 3.6733 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(129, 116, 29)` looks like.

```
.text, #text, p{  
    color:rgb(129, 116, 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(129, 116, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 116, 29) }
```

Border

The CSS property to change the border of an element to XYZ 15.5204, 17.2466, 3.6733 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(129, 116, 29) }
```


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

```
.border{ border-color:rgb(129, 116, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 116, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 116, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 116, 29);  
box-shadow:4px 4px 4px 4px rgb(129, 116,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5204, 17.2466, 3.6733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 116, 29) }
```

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

```
.background{ background-color: rgb(129,  
116, 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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