

Converting Colors

XYZ(15.7095, 17.3781, 3.7546)

Have a look what the booklet for
XYZ(15.7095, 17.3781, 3.7546)
contains.

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Color

**XYZ(15.6857, 17.3303,
3.7467)**

Conversions

Conversions Part 1	
Format	Color
Hex	82741E
RGB	130, 116, 30
RGB Percent	51%, 45%, 12%
CMY	0.4902, 0.5451, 0.8823
CMYK	0.00, 0.11, 0.77, 0.49
HSL	52°, 62%, 31%
HSV	52°, 77%, 51%
XYZ	15.6857, 17.3303, 3.7467
YIQ	110.3820, 35.9500, -23.7780

Conversions

Conversions Part 2

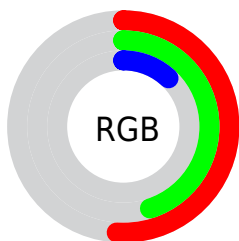
Format	Color
RYB	46, 130, 30
Decimal	8549406
CIELab	48.67, -4.51, 46.45
CIELCh	49, 46.672, 95.542
Yxy	17.3303, 0.4267, 0.4714
Android (android.graphics.Color)	4286739486 (0xFF82741E)
YUV	110.3820, -39.6283, 17.2050
Hunter-Lab	41.6297, -5.5947, 23.8046

Details

The XYZ color **15.6857, 17.3303, 3.7467** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.4655, 3.6892, 21.5432**, and the grayscale version is **15.0346, 15.8176, 17.2253**.

A 20% lighter version of the original color is **35.7375, 39.0384, 13.4362**, and **5.1277, 5.7120, 0.8323** is the 20% darker color. If you saturate the color by 10%, you get **15.3452, 16.8624, 2.9765**, and if you desaturate by 10%, it is **16.0997, 17.8355, 4.8799**.

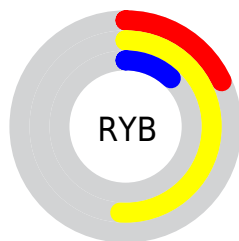
Distribution



Red (51%)

Green (45%)

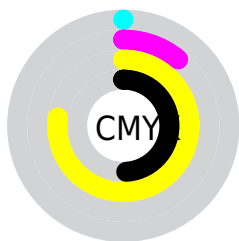
Blue (12%)



Red (18%)

Yellow (51%)

Blue (12%)

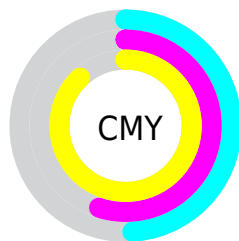


Cyan (0%)

Magenta (11%)

Yellow (77%)

Black (49%)



Cyan (49%)


Magenta (55%)


Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.6857, 17.3303, 3.7467 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 15.6857, 17.3303, 3.7467 by changing the saturation by 10% instead.


 15.6857, 17.3303,
3.7467


 15.6857, 17.3303,
3.7467


220.7869,
237.0687, 145.3669


 9.3915, 10.4703,
1.4874


 35.6136, 38.8928,
13.4212


 5.0565, 5.7119,
0.2085


 49.9779, 54.3641,
21.6736


 2.3156, 2.6707,
0.0000

 67.7630, 73.4745,
32.7607

 0.8026, 0.9623,
0.0000


 89.3342, 96.6086,
47.1012


 0.0000, 0.0000,
0.0000


 115.0568,
124.1506, 65.1135


 145.2962,


156.4851, 87.2162


 180.4178,
193.9963, 113.8278


 15.6857, 17.3303,
3.7467


 15.6857, 17.3303,
3.7467


 15.3452, 16.8624,
2.9765


 16.0997, 17.8355,
4.8799


 15.0623, 16.4234,
2.4911

 16.5934, 18.3785,
6.4147

 14.9785, 16.2909,
2.3550

 17.1739, 18.9629,
8.3859

 17.8471, 19.5911,
10.8242

 18.6182, 20.2651,
13.7577

■ 19.4921, 20.9870,
17.2120

■ 20.4735, 21.7587,
21.2112

■ 21.5667, 22.5820,
25.7778

■ 22.7756, 23.4584,
30.9329

Harmonies

Analogous

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



20.1402, 17.3303, 4.4753



15.6857, 17.3303, 3.7467



12.1154, 17.3303, 5.4107

Triad

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



15.6857, 17.3303, 3.7467



10.6154, 17.3303, 36.2668



25.2091, 17.3303, 30.4780

Complementary

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



15.6857, 17.3303, 3.7467



5.4655, 3.6892, 21.5432

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.



21.7646, 17.3303, 45.4615



15.6857, 17.3303, 3.7467



13.2785, 17.3303, 49.6996

Square

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



15.6857, 17.3303, 3.7467



9.5332, 17.3303, 21.2520



17.2840, 17.3303, 53.6432



26.1552, 17.3303, 16.6725

Rectangle

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



15.6857, 17.3303, 3.7467



10.5485, 17.3303, 8.3877



17.2840, 17.3303, 53.6432



24.2789, 17.3303, 35.7016

Sweetspot

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



15.6861, 17.3311, 3.7470



33.2905, 36.1110, 26.1910



10.1440, 5.8641, 3.0802



7.4323, 8.0871, 5.5262



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.



15.6861, 17.3311, 3.7470



26.6639, 29.1397, 4.6158



12.9365, 18.4920, 4.1160



4.6157, 4.9201, 4.6265



14.3657, 15.6277, 2.2593



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.4655, 3.6892, 21.5432



7.8738, 4.1376, 37.5761



6.6738, 3.6644, 21.4747



4.1537, 4.3014, 5.4246



4.0773, 1.9730, 20.4159



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.6857, 17.3303, 3.7467 looks on a white background.

Color Contrast Check

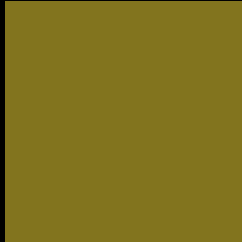
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6857, 17.3303, 3.7467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

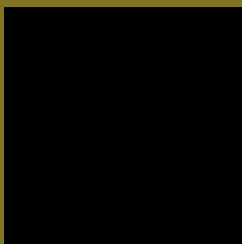
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.6857, 17.3303, 3.7467

Background



This preview shows how black text looks on a background with the XYZ color 15.6857, 17.3303, 3.7467.



This preview shows how white text looks on a background with the XYZ color 15.6857, 17.3303,

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

15.6857, 17.3303, 3.7467

Protanopia

15.6857, 17.3303, 3.7467

Deuteranopia

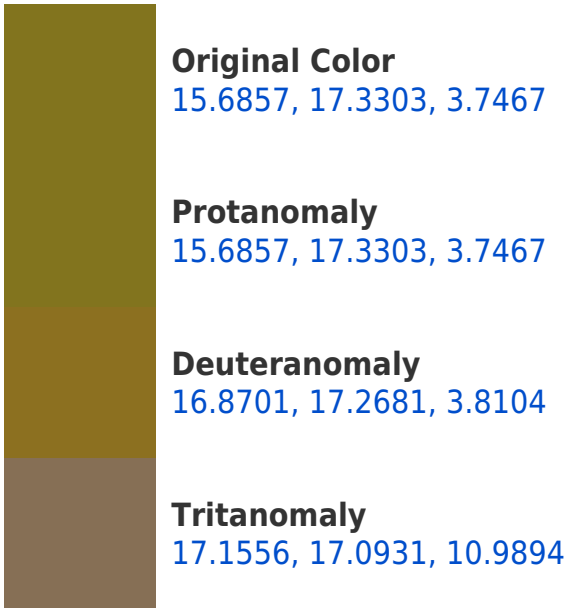
17.5275, 17.2814, 3.8507



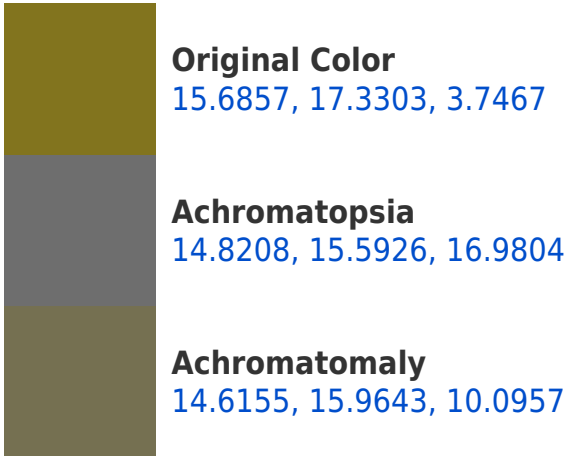
Tritanopia

18.7268, 17.2437, 19.1710

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6857, 17.3303, 3.7467 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(130, 116, 30)` looks like.

```
.text, #text, p{  
    color:rgb(130, 116, 30)  
}
```

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(130, 116, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 116, 30) }
```

Border

The CSS property to change the border of an element to XYZ 15.6857, 17.3303, 3.7467 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(130, 116, 30) }
```

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

```
.border{ border-color:rgb(130, 116, 30) }
```

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

Here you see how a box with a 4 pixel rgb(130, 116, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 116, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 116, 30);  
box-shadow:4px 4px 4px 4px rgb(130, 116,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6857, 17.3303, 3.7467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 116, 30) }
```

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

```
.background{ background-color: rgb(130,  
116, 30) }
```

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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