

Converting Colors

XYZ(16.1775, 17.2234, 11.6191)

Have a look what the booklet for
XYZ(16.1775, 17.2234, 11.6191)
contains.

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Color

**XYZ(16.2044, 17.2511,
11.7083)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7358
RGB	124, 115, 88
RGB Percent	49%, 45%, 35%
CMY	0.5137, 0.5490, 0.6549
CMYK	0.00, 0.07, 0.29, 0.51
HSL	45°, 17%, 42%
HSV	45°, 29%, 49%
XYZ	16.2044, 17.2511, 11.7083
YIQ	114.6130, 14.0310, -6.4890

Conversions

Conversions Part 2

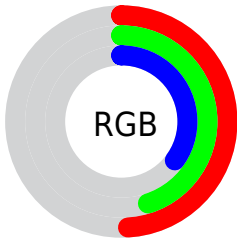
Format	Color
R_{YB}	100, 124, 88
Decimal	8155992
CIE Lab	48.57, -1.09, 16.23
CIE LCh	49, 16.267, 93.850
Yxy	17.2511, 0.3588, 0.3820
Android (android.graphics.Color)	4286346072 (0xFF7C7358)
YUV	114.6130, -13.1202, 8.2324
Hunter-Lab	41.5344, -3.0446, 12.3606

Details

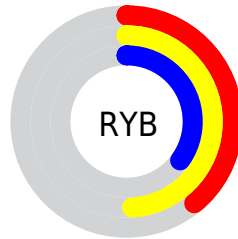
The XYZ color **16.2044, 17.2511, 11.7083** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.9373, 12.0792, 20.7713**, and the grayscale version is **16.2144, 17.0588, 18.5770**.

A 20% lighter version of the original color is **36.5376, 38.8195, 29.6119**, and **5.3267, 5.6773, 3.0056** is the 20% darker color. If you saturate the color by 10%, you get **15.3865, 16.3685, 9.1135**, and if you desaturate by 10%, it is **17.1225, 18.1940, 14.7680**.

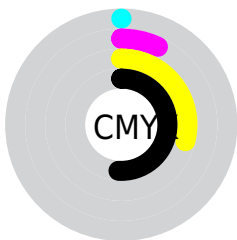
Distribution



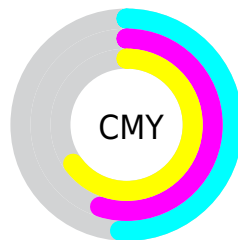
- Red (49%)
- Green (45%)
- Blue (35%)



- Red (39%)
- Yellow (49%)
- Blue (35%)



- Cyan (0%)
- Magenta (7%)
- Yellow (29%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2044, 17.2511, 11.7083 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 16.2044, 17.2511, 11.7083 by changing the saturation by 10% instead.

■ 16.2044, 17.2511,
11.7083

■ 16.2044, 17.2511,
11.7083

223.7916,
236.6153, 213.3734

■ 9.7607, 10.4137,
6.4253

■ 36.5073, 38.7570,
29.6191

■ 5.3016, 5.6741,
3.0324

■ 51.0971, 54.1943,
43.0840

■ 2.4619, 2.6479,
1.1112

■ 69.1331, 73.2670,
60.1132

■ 0.8761, 0.9508,
0.0000

■ 90.9805, 96.3594,
81.1253

■ 0.0000, 0.0000,
0.0000

■ 117.0047,
123.8561, 106.5388

147.5710,

156.1414, 136.7723

183.0449,
193.5996, 172.2443

■ 16.2044, 17.2511,
11.7083

■ 16.2044, 17.2511,
11.7083

■ 15.3865, 16.3685,
9.1135

■ 17.1225, 18.1940,
14.7680

■ 14.6629, 15.5419,
6.9592

■ 18.1436, 19.1967,
18.3133

■ 14.0291, 14.7698,
5.2205

■ 19.2722, 20.2618,
22.3647

■ 13.4798, 14.0500,
3.8693

■ 20.5120, 21.3909,
26.9415

■ 13.0087, 13.3797,
2.8743

■ 21.8666, 22.5856,
32.0618

■ 12.6090, 12.7561,
2.1990

■ 23.3393, 23.8475,
37.7428

■ 12.2603, 12.1707,
1.7375

■ 24.9334, 25.1780,
44.0011

■ 12.2273, 12.1153,
1.6940

■ 26.6520, 26.5785,
50.8525

■ 28.4980, 28.0504,
58.3122

Harmonies

Analogous

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



17.6965, 17.2511, 12.3200



16.2044, 17.2511, 11.7083



14.8469, 17.2511, 12.7421

Triad

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



16.2044, 17.2511, 11.7083



14.1232, 17.2511, 23.7528



19.1149, 17.2511, 22.6507

Complementary

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



16.2044, 17.2511, 11.7083



11.9373, 12.0792, 20.7713

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.



18.0506, 17.2511, 26.4843



16.2044, 17.2511, 11.7083



15.1620, 17.2511, 27.1855

Square

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



16.2044, 17.2511, 11.7083



13.6924, 17.2511, 19.3417



16.5904, 17.2511, 28.2537



19.4354, 17.2511, 18.2362

Rectangle

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



16.2044, 17.2511, 11.7083



14.1832, 17.2511, 14.3333



16.5904, 17.2511, 28.2537



18.8292, 17.2511, 24.0709

Sweetspot

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



16.2048, 17.2519, 11.7087



31.8938, 33.7483, 32.1054



13.9598, 12.1279, 12.9147



7.4569, 7.8956, 7.3691



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.



16.2048, 17.2519, 11.7087



27.5188, 29.2910, 17.4128



16.0396, 18.7649, 12.0094



4.2270, 4.4724, 4.2650



12.4280, 12.3120, 1.7214



58.5817, 57.3269, 7.9776

Inverse Universe

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



11.9373, 12.0792, 20.7713



18.6949, 18.5985, 36.1612



12.0578, 10.9764, 20.5521



3.8715, 4.0414, 5.0192



4.1945, 2.4714, 19.6412



19.4250, 10.6226, 93.4963

Previews

White Background



This preview shows how the XYZ color 16.2044, 17.2511, 11.7083 looks on a white background.

Color Contrast Check

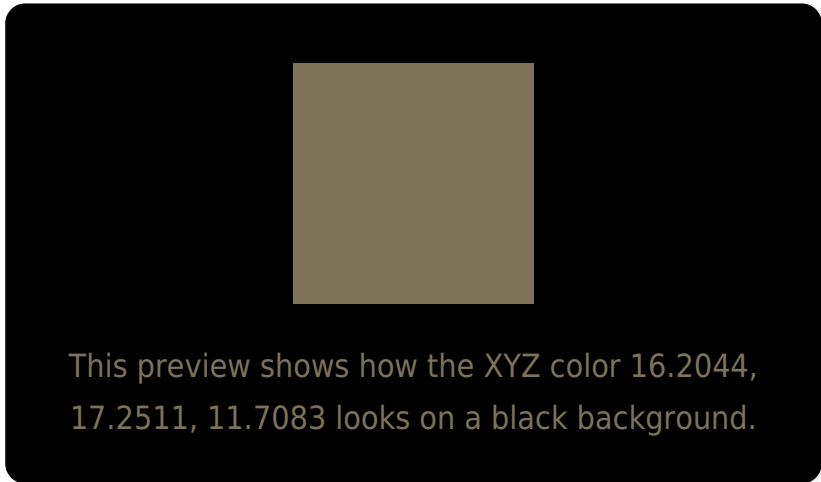
Large Text (above 18pt) WCAG AA ✓ Pass

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

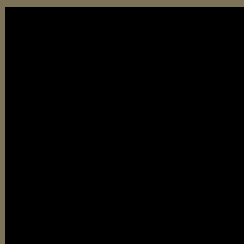
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

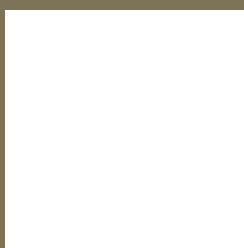
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2044, 17.2511, 11.7083

Background



This preview shows how black text looks on a background with the XYZ color 16.2044, 17.2511, 11.7083.



This preview shows how white text looks on a background with the XYZ color 16.2044, 17.2511,

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

16.2044, 17.2511, 11.7083

Protanopia

16.0606, 17.1770, 11.7015

Deuteranopia

17.4793, 17.2410, 11.8578



Tritanopia

17.9163, 17.2900, 19.8458

Trichromacy



Original Color

16.2044, 17.2511, 11.7083

Protanomaly

16.0606, 17.1770, 11.7015

Deuteranomaly

16.9574, 17.1349, 11.8648

Tritanomaly

17.2533, 17.1831, 16.5947

Monochromacy



Original Color

16.2044, 17.2511, 11.7083

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.1517, 17.1329, 15.8203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2044, 17.2511, 11.7083 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(124, 115, 88)` looks like.

```
.text, #text, p{  
    color:rgb(124, 115, 88)  
}
```

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(124, 115, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 115, 88) }
```

Border

The CSS property to change the border of an element to XYZ 16.2044, 17.2511, 11.7083 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(124, 115, 88) }
```


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

```
.border{ border-color:rgb(124, 115, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 115, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 115, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 115, 88);  
box-shadow:4px 4px 4px 4px rgb(124, 115,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2044, 17.2511, 11.7083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 115, 88) }
```

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

```
.background{ background-color: rgb(124,  
115, 88) }
```

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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