

Converting Colors

XYZ(16.1543, 17.5941, 7.0326)

Have a look what the booklet for
XYZ(16.1543, 17.5941, 7.0326)
contains.

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Color

**XYZ(16.2841, 17.7375,
7.1228)**

Conversions

Conversions Part 1

Format	Color
Hex	81753E
RGB	129, 117, 62
RGB Percent	51%, 46%, 24%
CMY	0.4941, 0.5412, 0.7569
CMYK	0.00, 0.09, 0.52, 0.49
HSL	49°, 35%, 37%
HSV	49°, 52%, 51%
XYZ	16.2841, 17.7375, 7.1228
YIQ	114.3180, 24.8070, -14.5610

Conversions

Conversions Part 2

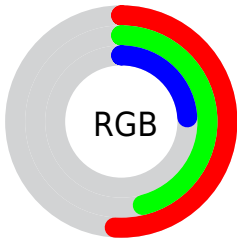
Format	Color
R_{YB}	77, 129, 62
Decimal	8484158
CIE _{Lab}	49.18, -3.23, 31.79
CIE _{LCh}	49, 31.950, 95.802
Yxy	17.7375, 0.3958, 0.4311
Android (android.graphics.Color)	4286674238 (0xFF81753E)
YUV	114.3180, -25.7928, 12.8761
Hunter-Lab	42.1159, -4.6859, 19.4538

Details

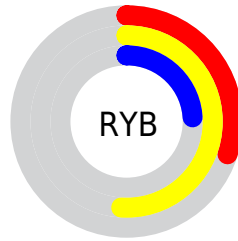
The XYZ color **16.2841, 17.7375, 7.1228** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.3978, 7.5065, 21.7753**, and the grayscale version is **16.1601, 17.0017, 18.5148**.

A 20% lighter version of the original color is **36.5856, 39.5909, 20.7525**, and **5.3635, 5.9134, 1.3489** is the 20% darker color. If you saturate the color by 10%, you get **15.7057, 17.0814, 5.3862**, and if you desaturate by 10%, it is **16.9541, 18.4421, 9.3050**.

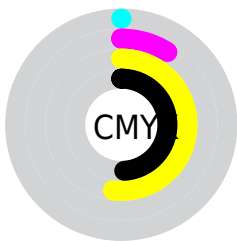
Distribution



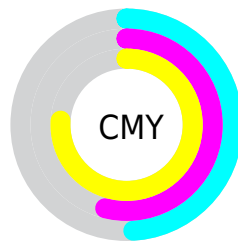
- Red (51%)
- Green (46%)
- Blue (24%)



- Red (30%)
- Yellow (51%)
- Blue (24%)



- Cyan (0%)
- Magenta (9%)
- Yellow (52%)
- Black (49%)



- Cyan (49%)
- Magenta (54%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2841, 17.7375, 7.1228 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 16.2841, 17.7375, 7.1228 by changing the saturation by 10% instead.

■ 16.2841, 17.7375,
7.1228

■ 16.2841, 17.7375,
7.1228

■ 224.2499,
239.3873, 178.3497

■ 9.8175, 10.7617,
3.4594

■ 36.6442, 39.5895,
20.7369

■ 5.3395, 5.9068,
1.3337

■ 51.2684, 55.2345,
31.5247

■ 2.4846, 2.7885,
0.0892

■ 69.3426, 74.5380,
45.5243

■ 0.8875, 1.0223,
0.0000

■ 91.2321, 97.8845,
63.1544

■ 0.0000, 0.0000,
0.0000

■ 117.3022,
125.6582, 84.8334

■ 147.9183,

158.2437, 110.9800

183.4457,
196.0252, 142.0125

■ 16.2841, 17.7375,
7.1228

■ 16.2841, 17.7375,
7.1228

■ 15.7057, 17.0814,
5.3862

■ 16.9541, 18.4421,
9.3050

■ 15.2114, 16.4689,
4.0623

■ 17.7199, 19.1951,
11.9605

■ 14.7949, 15.8980,
3.1154

■ 18.5869, 19.9994,
15.1160

■ 14.4480, 15.3653,
2.5030

■ 19.5599, 20.8569,
18.7958

■ 14.1972, 14.9549,
2.1383

■ 20.6431, 21.7695,
23.0226

■ 21.8408, 22.7388,
27.8181

■ 23.1567, 23.7664,
33.2023

■ 24.5947, 24.8540,
39.1946

■ 26.1581, 26.0031,
45.8134

Harmonies

Analogous

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



19.3283, 17.7375, 7.8470



16.2841, 17.7375, 7.1228



13.7129, 17.7375, 8.7965

Triad

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



16.2841, 17.7375, 7.1228



12.6109, 17.7375, 30.6418



22.6688, 17.7375, 26.8829

Complementary

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



16.2841, 17.7375, 7.1228



8.3978, 7.5065, 21.7753

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.



20.4527, 17.7375, 35.9916



16.2841, 17.7375, 7.1228



14.6095, 17.7375, 38.5731

Square

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



16.2841, 17.7375, 7.1228



11.7594, 17.7375, 21.0269



17.4472, 17.7375, 40.7754



23.2535, 17.7375, 17.6951

Rectangle

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



16.2841, 17.7375, 7.1228



12.5349, 17.7375, 11.4550



17.4472, 17.7375, 40.7754



22.0781, 17.7375, 30.1305

Sweetspot

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



16.2845, 17.7383, 7.1232



34.2301, 36.6565, 30.6160



12.0216, 8.6108, 7.5574



7.6817, 8.2387, 6.6801



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.



16.2845, 17.7383, 7.1232



27.9816, 30.4177, 9.2400



14.8779, 19.2230, 7.4839



4.6019, 4.8926, 4.6219



13.8450, 14.5865, 2.0858



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.3978, 7.5065, 21.7753



12.2729, 10.0581, 38.4871



9.2717, 6.8793, 21.6082



4.1663, 4.3267, 5.4288



4.1665, 2.1515, 20.4456



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.2841, 17.7375, 7.1228 looks on a white background.

Color Contrast Check

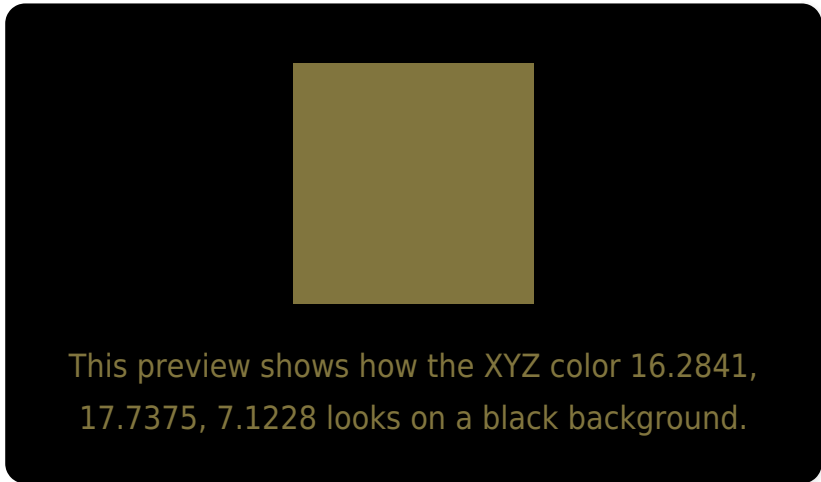
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 16.2841, 17.7375, 7.1228

Background



This preview shows how black text looks on a background with the XYZ color 16.2841, 17.7375, 7.1228.



This preview shows how white text looks on a background with the XYZ color 16.2841, 17.7375,

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

16.2841, 17.7375, 7.1228

Protanopia

16.2841, 17.7375, 7.1228

Deuteranopia

17.9093, 17.5674, 7.1495



Tritanopia

19.0059, 17.8517, 19.8968

Trichromacy



Original Color

16.2841, 17.7375, 7.1228

Protanomaly

16.2841, 17.7375, 7.1228

Deuteranomaly

17.2836, 17.5724, 7.1835

Tritanomaly

17.7826, 17.6786, 14.0303

Monochromacy



Original Color

16.2841, 17.7375, 7.1228

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.8040, 17.0096, 13.2767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2841, 17.7375, 7.1228 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, 117, 62)` looks like.

```
.text, #text, p{  
    color:rgb(129, 117, 62)  
}
```

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, 117, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 117, 62) }
```

Border

The CSS property to change the border of an element to XYZ 16.2841, 17.7375, 7.1228 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, 117, 62) }
```


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

```
.border{ border-color:rgb(129, 117, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 117, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 117, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 117, 62);  
box-shadow:4px 4px 4px 4px rgb(129, 117,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2841, 17.7375, 7.1228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 117, 62) }
```

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

```
.background{ background-color: rgb(129,  
117, 62) }
```

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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