

Converting Colors

XYZ(16.0645, 17.4666, 9.4511)

Have a look what the booklet for
XYZ(16.0645, 17.4666, 9.4511)
contains.

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Color

**XYZ(16.0073, 17.3726,
9.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	7D744C
RGB	125, 116, 76
RGB Percent	49%, 45%, 30%
CMY	0.5098, 0.5451, 0.7020
CMYK	0.00, 0.07, 0.39, 0.51
HSL	49°, 24%, 39%
HSV	49°, 39%, 49%
XYZ	16.0073, 17.3726, 9.3470
YIQ	114.1310, 18.2040, -10.5320

Conversions

Conversions Part 2

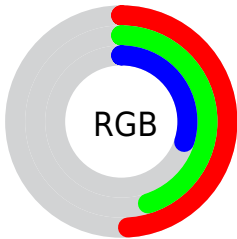
Format	Color
R_{YB}	87, 125, 76
Decimal	8221772
CIE Lab	48.73, -2.87, 23.37
CIE LCh	49, 23.546, 97.008
Yxy	17.3726, 0.3746, 0.4066
Android (android.graphics.Color)	4286411852 (0xFF7D744C)
YUV	114.1310, -18.7986, 9.5321
Hunter-Lab	41.6805, -4.3882, 15.8803

Details

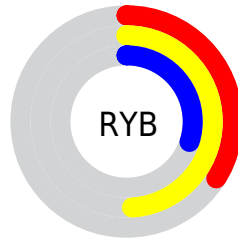
The XYZ color **16.0073, 17.3726, 9.3470** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.9304, 9.5137, 20.7148**, and the grayscale version is **16.0848, 16.9224, 18.4285**.

A 20% lighter version of the original color is **36.0644, 38.9509, 25.0195**, and **5.2161, 5.7290, 2.1272** is the 20% darker color. If you saturate the color by 10%, you get **15.3532, 16.6935, 7.1893**, and if you desaturate by 10%, it is **16.7533, 18.1002, 11.9524**.

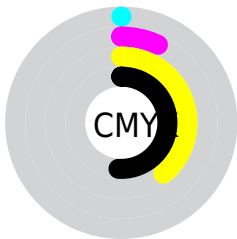
Distribution



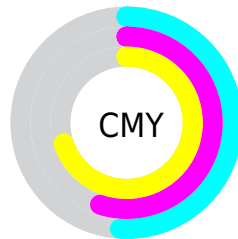
- Red (49%)
- Green (45%)
- Blue (30%)



- Red (34%)
- Yellow (49%)
- Blue (30%)



- Cyan (0%)
- Magenta (7%)
- Yellow (39%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0073, 17.3726, 9.3470 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 16.0073, 17.3726, 9.3470 by changing the saturation by 10% instead.

■ 16.0073, 17.3726,
9.3470

■ 16.0073, 17.3726,
9.3470

222.6543,
237.3105, 196.2582

■ 9.6202, 10.5005,
4.8683

■ 36.1682, 38.9653,
25.1481

■ 5.2082, 5.7320,
2.1128

■ 50.6728, 54.4547,
37.3076

■ 2.4059, 2.6828,
0.6234

■ 68.6138, 73.5853,
52.8645

■ 0.8481, 0.9685,
0.0000

■ 90.3567, 96.7415,
72.2373

■ 0.0000, 0.0000,
0.0000

■ 116.2669,
124.3078, 95.8445

146.7096,

156.6684, 124.1047

182.0503,
194.2079, 157.4364

■ 16.0073, 17.3726,
9.3470

■ 16.0073, 17.3726,
9.3470

■ 15.3532, 16.6935,
7.1893

■ 16.7533, 18.1002,
11.9524

■ 14.7847, 16.0584,
5.4524

■ 17.5945, 18.8757,
15.0282

■ 14.2967, 15.4658,
4.1081

■ 18.5354, 19.7017,
18.5969

■ 13.8832, 14.9133,
3.1242

■ 19.5802, 20.5800,
22.6793

■ 13.5371, 14.3978,
2.4635

■ 20.7324, 21.5120,
27.2948

■ 13.2373, 13.9110,
2.0162

■ 21.9958, 22.4993,
32.4619

■ 13.2137, 13.8726,
1.9812

■ 23.3737, 23.5432,
38.1983

■ 24.8692, 24.6452,
44.5208

■ 26.4856, 25.8066,
51.4455

Harmonies

Analogous

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



18.1995, 17.3726, 9.8960



16.0073, 17.3726, 9.3470



14.1214, 17.3726, 10.8751

Triad

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



16.0073, 17.3726, 9.3470



13.3936, 17.3726, 27.0768



20.6674, 17.3726, 23.9886

Complementary

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



16.0073, 17.3726, 9.3470



9.9304, 9.5137, 20.7148

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.



19.1586, 17.3726, 30.1784



16.0073, 17.3726, 9.3470



14.9324, 17.3726, 32.2172

Square

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



16.0073, 17.3726, 9.3470



12.7006, 17.3726, 20.4145



17.0275, 17.3726, 33.4618



21.0189, 17.3726, 17.4923

Rectangle

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



16.0073, 17.3726, 9.3470



13.2480, 17.3726, 13.1165



17.0275, 17.3726, 33.4618



20.2727, 17.3726, 26.2132

Sweetspot

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



16.0077, 17.3734, 9.3474



32.6523, 34.8143, 31.2308



12.7136, 10.1976, 10.0603



7.3884, 7.8851, 6.9561



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.



16.0077, 17.3734, 9.3474



27.6111, 30.0198, 13.2484



15.1059, 18.5232, 9.6168



4.6004, 4.8894, 4.6214



13.7866, 14.4697, 2.0663



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.9304, 9.5137, 20.7148



15.1252, 13.8792, 36.6261



10.5711, 8.8586, 20.5546



4.1678, 4.3296, 5.4293



4.1780, 2.1745, 20.4495



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.0073, 17.3726, 9.3470 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 16.0073, 17.3726, 9.3470 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

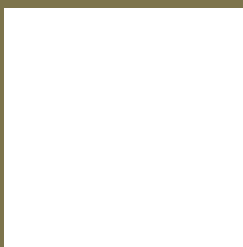
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0073, 17.3726, 9.3470

Background



This preview shows how black text looks on a background with the XYZ color 16.0073, 17.3726, 9.3470.



This preview shows how white text looks on a background with the XYZ color 16.0073, 17.3726,

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

16.0073, 17.3726, 9.3470

Protanopia

16.1541, 17.4482, 9.3539

Deuteranopia

17.6715, 17.3937, 9.4471



Tritanopia

18.2201, 17.4466, 19.8600

Trichromacy



Original Color

16.0073, 17.3726, 9.3470

Protanomaly

16.1541, 17.4482, 9.3539

Deuteranomaly

17.0762, 17.4144, 9.4825

Tritanomaly

17.2554, 17.3787, 15.2769

Monochromacy



Original Color

16.0073, 17.3726, 9.3470

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9022, 17.0331, 14.5062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0073, 17.3726, 9.3470 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(125, 116, 76)` looks like.

```
.text, #text, p{  
    color:rgb(125, 116, 76)  
}
```

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(125, 116, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 116, 76) }
```

Border

The CSS property to change the border of an element to XYZ 16.0073, 17.3726, 9.3470 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(125, 116, 76) }
```


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

```
.border{ border-color:rgb(125, 116, 76) }
```

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

Here you see how a box with a 4 pixel rgb(125, 116, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 116, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 116, 76);  
box-shadow:4px 4px 4px 4px rgb(125, 116,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0073, 17.3726, 9.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 116, 76) }
```

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

```
.background{ background-color: rgb(125,  
116, 76) }
```

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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