

Converting Colors

XYZ(16.3162, 18.4141, 9.9654)

Have a look what the booklet for
XYZ(16.3162, 18.4141, 9.9654)
contains.

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Color

**XYZ(16.2386, 18.3624,
9.8962)**

Conversions

Conversions Part 1

Format	Color
Hex	7A794E
RGB	122, 121, 78
RGB Percent	48%, 47%, 31%
CMY	0.5216, 0.5255, 0.6941
CMYK	0.00, 0.01, 0.36, 0.52
HSL	59°, 22%, 39%
HSV	59°, 36%, 48%
XYZ	16.2386, 18.3624, 9.8962
YIQ	116.3970, 14.3990, -13.1610

Conversions

Conversions Part 2

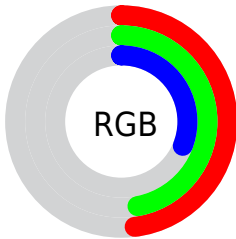
Format	Color
R_{YB}	79, 122, 78
Decimal	8026446
CIE Lab	49.93, -6.75, 23.76
CIE LCh	50, 24.696, 105.863
Yxy	18.3624, 0.3649, 0.4127
Android (android.graphics.Color)	4286216526 (0xFF7A794E)
YUV	116.3970, -18.9297, 4.9138
Hunter-Lab	42.8514, -7.3470, 16.3034

Details

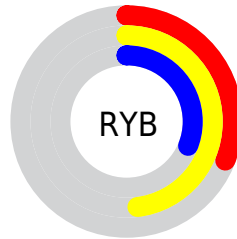
The XYZ color **16.2386, 18.3624, 9.8962** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.4508, 8.6167, 19.5775**, and the grayscale version is **16.7761, 17.6498, 19.2206**.

A 20% lighter version of the original color is **36.5190, 40.5596, 26.3261**, and **5.3157, 6.2471, 2.2921** is the 20% darker color. If you saturate the color by 10%, you get **15.8078, 18.1371, 7.7913**, and if you desaturate by 10%, it is **16.7516, 18.6221, 12.4294**.

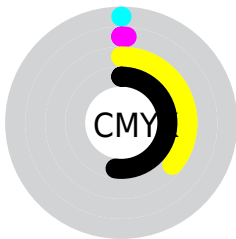
Distribution



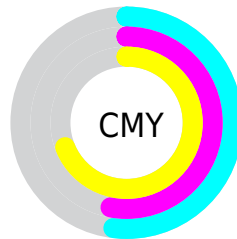
- Red (48%)
- Green (47%)
- Blue (31%)



- Red (31%)
- Yellow (48%)
- Blue (31%)



- Cyan (0%)
- Magenta (1%)
- Yellow (36%)
- Black (52%)



- Cyan (52%)
- Magenta (53%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2386, 18.3624, 9.8962 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 16.2386, 18.3624, 9.8962 by changing the saturation by 10% instead.

■ 16.2386, 18.3624,
9.8962

■ 16.2386, 18.3624,
9.8962

223.9884,
242.9059, 200.3874

■ 9.7851, 11.2105,
5.2255

■ 36.5660, 40.6539,
26.2048

■ 5.3179, 6.2086,
2.3191

■ 51.1707, 56.5622,
38.6798

■ 2.4716, 2.9723,
0.7419

■ 69.2230, 76.1582,
54.5933

■ 0.8810, 1.1173,
0.0000

■ 91.0885, 99.8262,
74.3639

■ 0.0000, 0.0000,
0.0000

■ 117.1324,
127.9505, 98.4101

147.7201,

160.9156, 127.1503

183.2170,
199.1060, 161.0033

■ 16.2386, 18.3624,
9.8962

■ 16.2386, 18.3624,
9.8962

■ 15.8078, 18.1371,
7.7913

■ 16.7516, 18.6221,
12.4294

■ 15.4534, 17.9418,
6.0898

■ 17.3495, 18.9152,
15.4116

■ 15.1708, 17.7754,
4.7661

■ 18.0367, 19.2442,
18.8636

■ 14.9545, 17.6356,
3.7913

■ 18.8169, 19.6106,
22.8044

■ 14.7983, 17.5201,
3.1321

■ 19.6934, 20.0157,
27.2522

■ 14.6903, 17.4240,
2.7268

■ 20.6695, 20.4607,
32.2240

■ 14.6510, 17.3875,
2.5839

■ 21.7483, 20.9470,
37.7363

■ 22.9328, 21.4757,
43.8045

■ 24.2259, 22.0480,
50.4439

Harmonies

Analogous

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



18.5879, 18.3624, 9.8328



16.2386, 18.3624, 9.8962



14.3870, 18.3624, 12.2230

Triad

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



16.2386, 18.3624, 9.8962



14.4724, 18.3624, 30.8788



22.2472, 18.3624, 23.3480

Complementary

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



16.2386, 18.3624, 9.8962



9.4508, 8.6167, 19.5775

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.



20.9261, 18.3624, 30.5096



16.2386, 18.3624, 9.8962



16.3651, 18.3624, 35.4780

Square

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



16.2386, 18.3624, 9.8962



13.4320, 18.3624, 23.7708



18.7263, 18.3624, 35.3294



22.2055, 18.3624, 16.6392

Rectangle

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



16.2386, 18.3624, 9.8962



13.6214, 18.3624, 15.1244



18.7263, 18.3624, 35.3294



21.9429, 18.3624, 25.8093

Sweetspot

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



16.2391, 18.3632, 9.8966



31.0831, 33.5472, 29.9229



12.1790, 10.1579, 8.8056



7.0786, 7.6569, 6.6983



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.2391, 18.3632, 9.8966



27.9533, 31.9846, 14.3993



13.7541, 17.2630, 9.8152



4.3003, 4.6191, 4.2894



15.4243, 18.3045, 2.7202



73.4863, 87.1360, 12.9458

Inverse Universe

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



9.4508, 8.6167, 19.5775



14.2055, 12.2467, 34.0080



11.3322, 9.4806, 19.6451



3.8042, 3.9068, 4.9968



3.7292, 1.5409, 19.4862



17.7042, 7.1810, 92.9227

Previews

White Background



This preview shows how the XYZ color 16.2386, 18.3624, 9.8962 looks on a white 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

Black Background



This preview shows how the XYZ color 16.2386, 18.3624, 9.8962 looks on a 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

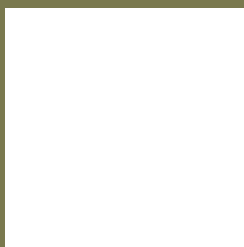
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2386, 18.3624, 9.8962

Background



This preview shows how black text looks on a background with the XYZ color 16.2386, 18.3624, 9.8962.



This preview shows how white text looks on a background with the XYZ color 16.2386, 18.3624,

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

16.2386, 18.3624, 9.8962

Protanopia

16.9896, 18.3966, 9.6766

Deuteranopia

18.6206, 18.3646, 10.1527



Tritanopia

18.5212, 18.2287, 21.6111

Trichromacy



Original Color

16.2386, 18.3624, 9.8962

Protanomaly

16.6602, 18.4044, 9.6955

Deuteranomaly

17.7642, 18.4380, 10.0197

Tritanomaly

17.4726, 18.1441, 16.4912

Monochromacy



Original Color

16.2386, 18.3624, 9.8962

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3479, 17.7677, 15.1383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2386, 18.3624, 9.8962 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(122, 121, 78)` looks like.

```
.text, #text, p{  
    color:rgb(122, 121, 78)  
}
```

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(122, 121, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 121, 78) }
```

Border

The CSS property to change the border of an element to XYZ 16.2386, 18.3624, 9.8962 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(122, 121, 78) }
```


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

```
.border{ border-color:rgb(122, 121, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 121, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 121, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 121, 78);  
box-shadow:4px 4px 4px 4px rgb(122, 121,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2386, 18.3624, 9.8962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 121, 78) }
```

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

```
.background{ background-color: rgb(122,  
121, 78) }
```

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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