

Converting Colors

XYZ(16.1991, 18.3942, 9.5347)

Have a look what the booklet for
XYZ(16.1991, 18.3942, 9.5347)
contains.

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Color

**XYZ(16.1679, 18.3341,
9.5242)**

Conversions

Conversions Part 1

Format	Color
Hex	7A794C
RGB	122, 121, 76
RGB Percent	48%, 47%, 30%
CMY	0.5216, 0.5255, 0.7020
CMYK	0.00, 0.01, 0.38, 0.52
HSL	59°, 23%, 39%
HSV	59°, 38%, 48%
XYZ	16.1679, 18.3341, 9.5242
YIQ	116.1690, 15.0410, -13.7830

Conversions

Conversions Part 2

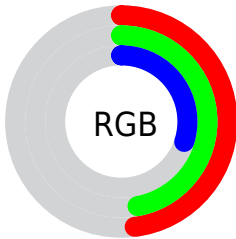
Format	Color
RYB	77, 122, 76
Decimal	8026444
CIELab	49.90, -7.01, 24.84
CIELCh	50, 25.807, 105.755
Yxy	18.3341, 0.3672, 0.4164
Android (android.graphics.Color)	4286216524 (0xFF7A794C)
YUV	116.1690, -19.8033, 5.1138
Hunter-Lab	42.8183, -7.5318, 16.7848

Details

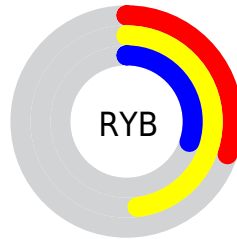
The XYZ color **16.1679, 18.3341, 9.5242** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.1472, 8.2492, 19.5225**, and the grayscale version is **16.7083, 17.5785, 19.1429**.

A 20% lighter version of the original color is **36.3887, 40.5075, 25.6395**, and **5.2894, 6.2365, 2.1533** is the 20% darker color. If you saturate the color by 10%, you get **15.7515, 18.1169, 7.4876**, and if you desaturate by 10%, it is **16.6658, 18.5854, 11.9853**.

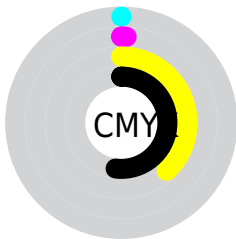
Distribution



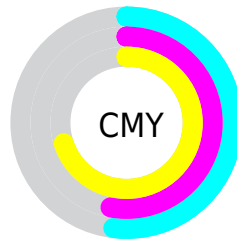
- Red (48%)
- Green (47%)
- Blue (30%)



- Red (30%)
- Yellow (48%)
- Blue (30%)



- Cyan (0%)
- Magenta (1%)
- Yellow (38%)
- Black (52%)



- Cyan (52%)
- Magenta (53%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1679, 18.3341, 9.5242 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 16.1679, 18.3341, 9.5242 by changing the saturation by 10% instead.

■ 16.1679, 18.3341,
9.5242

■ 16.1679, 18.3341,
9.5242

223.5814,
242.7475, 197.6015

■ 9.7346, 11.1901,
4.9832

■ 36.4445, 40.6058,
25.4903

■ 5.2843, 6.1949,
2.1788

■ 51.0186, 56.5023,
37.7525

■ 2.4515, 2.9639,
0.6621

■ 69.0370, 76.0851,
53.4255

■ 0.8709, 1.1129,
0.0000

■ 90.8651, 99.7386,
72.9278

■ 0.0000, 0.0000,
0.0000

■ 116.8683,
127.8472, 96.6781

147.4118,

160.7953, 125.0947

182.8610,
198.9673, 158.5963

■ 16.1679, 18.3341,
9.5242

■ 16.1679, 18.3341,
9.5242

■ 15.7515, 18.1169,
7.4876

■ 16.6658, 18.5854,
11.9853

■ 15.4106, 17.9293,
5.8504

■ 17.2480, 18.8699,
14.8919

■ 15.1407, 17.7703,
4.5865

■ 17.9188, 19.1900,
18.2650

■ 14.9362, 17.6376,
3.6664

■ 18.6820, 19.5471,
22.1239

■ 14.7905, 17.5285,
3.0558

■ 19.5410, 19.9428,
26.4869

■ 14.6880, 17.4369,
2.6720

■ 20.4991, 20.3782,
31.3711

■ 14.6654, 17.4163,
2.5887

■ 21.5593, 20.8546,
36.7932

■ 22.7248, 21.3732,
42.7687

■ 23.9983, 21.9353,
49.3128

Harmonies

Analogous

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



18.6211, 18.3341, 9.4677



16.1679, 18.3341, 9.5242



14.2401, 18.3341, 11.8962

Triad

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



16.1679, 18.3341, 9.5242



14.3176, 18.3341, 31.3790



22.4471, 18.3341, 23.5006

Complementary

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



16.1679, 18.3341, 9.5242



9.1472, 8.2492, 19.5225

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.



21.0548, 18.3341, 31.0376



16.1679, 18.3341, 9.5242



16.2832, 18.3341, 36.2631

Square

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



16.1679, 18.3341, 9.5242



13.2428, 18.3341, 23.8887



18.7478, 18.3341, 36.1252



22.4087, 18.3341, 16.4923

Rectangle

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



16.1679, 18.3341, 9.5242



13.4441, 18.3341, 14.8816



18.7478, 18.3341, 36.1252



22.1255, 18.3341, 26.0859

Sweetspot

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



16.1684, 18.3349, 9.5246



31.0860, 33.5531, 29.9239



11.9691, 9.8501, 8.3910



7.0793, 7.6584, 6.6985



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.



16.1684, 18.3349, 9.5246



27.8211, 31.9314, 13.7042



13.5789, 17.1807, 9.4383



4.3007, 4.6197, 4.2895



15.4395, 18.3350, 2.7253



73.5628, 87.2890, 12.9713

Inverse Universe

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



9.1472, 8.2492, 19.5225



13.6371, 11.5574, 33.9049



11.0771, 9.1414, 19.5930



3.8039, 3.9062, 4.9967



3.7279, 1.5382, 19.4857



17.7015, 7.1756, 92.9218

Previews

White Background



This preview shows how the XYZ color 16.1679, 18.3341, 9.5242 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 16.1679, 18.3341, 9.5242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

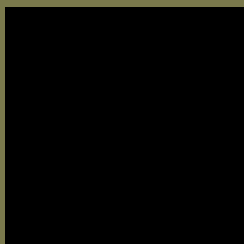
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

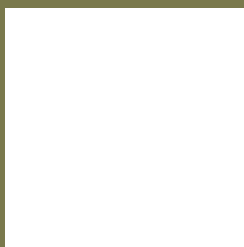
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.1679, 18.3341, 9.5242

Background



This preview shows how black text looks on a background with the XYZ color 16.1679, 18.3341, 9.5242.



This preview shows how white text looks on a background with the XYZ color 16.1679, 18.3341,

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

16.1679, 18.3341, 9.5242

Protanopia

16.9201, 18.3688, 9.3104

Deuteranopia

18.6080, 18.2000, 9.7399



Tritanopia

18.6709, 18.3059, 21.6181

Trichromacy



Original Color

16.1679, 18.3341, 9.5242

Protanomaly

16.5907, 18.3766, 9.3292

Deuteranomaly

17.5766, 18.1775, 9.6034

Tritanomaly

17.6193, 18.2197, 16.4980

Monochromacy



Original Color

16.1679, 18.3341, 9.5242

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.2986, 17.7480, 14.8786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1679, 18.3341, 9.5242 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, 76)` looks like.

```
.text, #text, p{  
    color:rgb(122, 121, 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(122, 121, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 121, 76) }
```

Border

The CSS property to change the border of an element to XYZ 16.1679, 18.3341, 9.5242 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, 76) }
```


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

```
.border{ border-color:rgb(122, 121, 76) }
```

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, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 121, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 121, 76);  
box-shadow:4px 4px 4px 4px rgb(122, 121,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1679, 18.3341, 9.5242 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, 76) }
```

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

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