

Converting Colors

XYZ(15.9385, 18.4187, 8.3278)

Have a look what the booklet for
XYZ(15.9385, 18.4187, 8.3278)
contains.

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Color

**XYZ(15.9189, 18.4137,
8.3454)**

Conversions

Conversions Part 1

Format	Color
Hex	797A45
RGB	121, 122, 69
RGB Percent	47%, 48%, 27%
CMY	0.5255, 0.5216, 0.7294
CMYK	0.01, 0.00, 0.43, 0.52
HSL	61°, 28%, 37%
HSV	61°, 43%, 48%
XYZ	15.9189, 18.4137, 8.3454
YIQ	115.6590, 16.4170, -16.6950

Conversions

Conversions Part 2

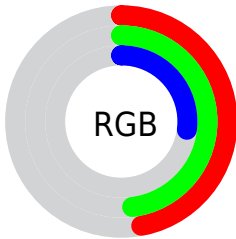
Format	Color
RYB	69, 122, 70
Decimal	7961157
CIELab	49.99, -8.85, 28.83
CIElCh	50, 30.154, 107.062
Yxy	18.4137, 0.3730, 0.4315
Android (android.graphics.Color)	4286151237 (0xFF797A45)
YUV	115.6590, -23.0029, 4.6841
Hunter-Lab	42.9112, -8.8759, 18.5071

Details

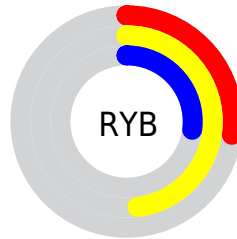
The XYZ color **15.9189, 18.4137, 8.3454** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.1674, 6.9639, 19.3271**, and the grayscale version is **16.5611, 17.4236, 18.9743**.

A 20% lighter version of the original color is **35.8616, 40.5788, 23.0819**, and **5.2020, 6.2990, 1.7523** is the 20% darker color. If you saturate the color by 10%, you get **15.5464, 18.2616, 6.5504**, and if you desaturate by 10%, it is **16.3703, 18.5987, 10.5514**.

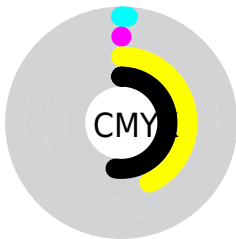
Distribution



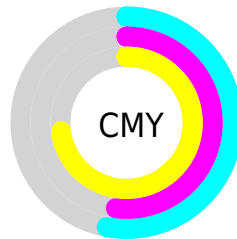
- Red (47%)
- Green (48%)
- Blue (27%)



- Red (27%)
- Yellow (48%)
- Blue (27%)



- Cyan (1%)
- Magenta (0%)
- Yellow (43%)
- Black (52%)



- Cyan (53%)
- Magenta (52%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9189, 18.4137, 8.3454 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 15.9189, 18.4137, 8.3454 by changing the saturation by 10% instead.

■ 15.9189, 18.4137,
8.3454

■ 15.9189, 18.4137,
8.3454

222.1425,
243.1926, 188.4512

■ 9.5573, 11.2474,
4.2258

■ 36.0159, 40.7410,
23.1901

■ 5.1664, 6.2335,
1.7500

■ 50.4821, 56.6708,
34.7523

■ 2.3810, 2.9876,
0.3947

■ 68.3804, 76.2906,
49.6324

■ 0.8356, 1.1253,
0.0000

■ 90.0763, 99.9847,
68.2490

■ 0.0000, 0.0000,
0.0000

■ 115.9351,
128.1376, 91.0207

146.3221,

161.1336, 118.3659

181.6028,
199.3571, 150.7032

■ 15.9189, 18.4137,
8.3454

■ 15.9189, 18.4137,
8.3454

■ 15.5464, 18.2616,
6.5504

■ 16.3703, 18.5987,
10.5514

■ 15.2466, 18.1380,
5.1399

■ 16.9037, 18.8158,
13.1904

■ 15.0146, 18.0415,
4.0862

■ 17.5235, 19.0674,
16.2843

■ 14.8443, 17.9697,
3.3573

■ 18.2335, 19.3552,
19.8531

■ 14.7281, 17.9195,
2.9123

■ 19.0374, 19.6806,
23.9155

■ 14.6633, 17.8911,
2.6805

■ 19.9385, 20.0448,
28.4895

■ 20.9400, 20.4492,
33.5919

■ 22.0450, 20.8950,
39.2389

■ 23.2565, 21.3834,
45.4459

Harmonies

Analogous

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



18.7777, 18.4137, 8.1810



15.9189, 18.4137, 8.3454



13.7350, 18.4137, 11.0331

Triad

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



15.9189, 18.4137, 8.3454



13.9773, 18.4137, 34.1296



23.5060, 18.4137, 23.8344

Complementary

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



15.9189, 18.4137, 8.3454



8.1674, 6.9639, 19.3271

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.



21.9008, 18.4137, 32.9864



15.9189, 18.4137, 8.3454



16.2848, 18.4137, 39.9431

Square

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



15.9189, 18.4137, 8.3454



12.7018, 18.4137, 25.0994



19.1860, 18.4137, 39.4749



23.3800, 18.4137, 15.7267

Rectangle

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



15.9189, 18.4137, 8.3454



12.8600, 18.4137, 14.4564



19.1860, 18.4137, 39.4749



23.1441, 18.4137, 26.9257

Sweetspot

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



15.9194, 18.4145, 8.3458



30.8424, 33.5496, 28.7233



11.2837, 8.9334, 6.7601



7.0036, 7.6514, 6.3244



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.



15.9194, 18.4145, 8.3458



27.3604, 32.1304, 11.5768



12.7140, 16.7621, 8.1958



4.3006, 4.6303, 4.2916



15.4364, 18.8350, 2.8219



73.5471, 89.8003, 13.4569

Inverse Universe

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



8.1674, 6.9639, 19.3271



11.8534, 9.2218, 33.5482



10.5058, 8.1694, 19.4366



3.8040, 3.8968, 4.9948



3.7281, 1.4947, 19.4773



17.7019, 7.0877, 92.9049

Previews

White Background



This preview shows how the XYZ color 15.9189, 18.4137, 8.3454 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 15.9189, 18.4137, 8.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

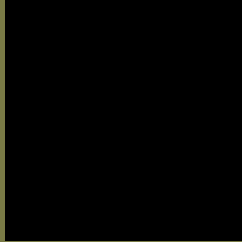
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.9189, 18.4137, 8.3454

Background



This preview shows how black text looks on a background with the XYZ color 15.9189, 18.4137, 8.3454.



This preview shows how white text looks on a background with the XYZ color 15.9189, 18.4137,

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

15.9189, 18.4137, 8.3454

Protanopia

16.8461, 18.3568, 8.1242

Deuteranopia

18.5441, 18.1945, 8.4957



Tritanopia

18.6995, 18.4835, 21.9841

Trichromacy



Original Color

15.9189, 18.4137, 8.3454

Protanomaly

16.5123, 18.3623, 8.1428

Deuteranomaly

17.5042, 18.1672, 8.3784

Tritanomaly

17.4857, 18.3368, 15.9824

Monochromacy



Original Color

15.9189, 18.4137, 8.3454

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.2018, 17.7093, 14.3687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9189, 18.4137, 8.3454 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(121, 122, 69)` looks like.

```
.text, #text, p{  
    color:rgb(121, 122, 69)  
}
```

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(121, 122, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 122, 69) }
```

Border

The CSS property to change the border of an element to XYZ 15.9189, 18.4137, 8.3454 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(121, 122, 69) }
```


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

```
.border{ border-color:rgb(121, 122, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 122, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 122, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 122, 69);  
box-shadow:4px 4px 4px 4px rgb(121, 122,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9189, 18.4137, 8.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 122, 69) }
```

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

```
.background{ background-color: rgb(121,  
122, 69) }
```

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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