

Converting Colors

XYZ(18.4794, 18.1889, 7.2395)

Have a look what the booklet for
XYZ(18.4794, 18.1889, 7.2395)
contains.

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Color

**XYZ(18.4794, 18.1889,
7.2395)**

Conversions

Conversions Part 1

Format	Color
Hex	91713F
RGB	145, 113, 63
RGB Percent	57%, 44%, 25%
CMY	0.4314, 0.5568, 0.7529
CMYK	0.00, 0.22, 0.57, 0.43
HSL	37°, 39%, 41%
HSV	37°, 57%, 57%
XYZ	18.4794, 18.1889, 7.2395
YIQ	116.8680, 35.1220, -8.7660

Conversions

Conversions Part 2

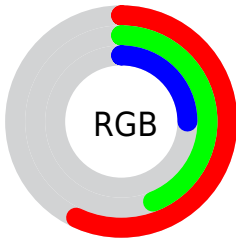
Format	Color
R _Y B	115, 145, 63
Decimal	9531711
CIE Lab	49.72, 6.36, 32.29
CIE LCh	50, 32.915, 78.852
Yxy	18.1889, 0.4209, 0.4143
Android (android.graphics.Color)	4287721791 (0xFF91713F)
YUV	116.8680, -26.5569, 24.6718
Hunter-Lab	42.6484, 2.7085, 19.7895

Details

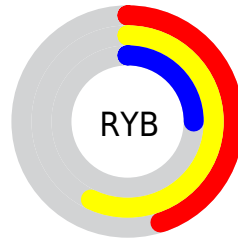
The XYZ color **18.4794, 18.1889, 7.2395** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.2528, 11.2851, 28.3731**, and the grayscale version is **16.9401, 17.8223, 19.4084**.

A 20% lighter version of the original color is **40.4672, 40.4976, 21.0132**, and **6.4051, 6.0964, 1.3694** is the 20% darker color. If you saturate the color by 10%, you get **17.5148, 16.8250, 5.1753**, and if you desaturate by 10%, it is **19.5910, 19.6760, 9.8797**.

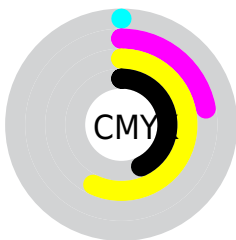
Distribution



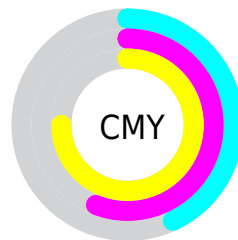
- Red (57%)
- Green (44%)
- Blue (25%)



- Red (45%)
- Yellow (57%)
- Blue (25%)



- Cyan (0%)
- Magenta (22%)
- Yellow (57%)
- Black (43%)



- Cyan (43%)
- Magenta (56%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4794, 18.1889, 7.2395 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 18.4794, 18.1889, 7.2395 by changing the saturation by 10% instead.

■ 18.4794, 18.1889,
7.2395

■ 18.4794, 18.1889,
7.2395

236.5532,
241.9336, 179.3449

■ 11.3965, 11.0857,
3.5316

■ 40.3762, 40.3589,
20.9744

■ 6.4034, 6.1245,
1.3721

■ 55.9209, 56.1946,
31.8386

■ 3.1349, 2.9209,
0.1198

■ 75.0168, 75.7098,
45.9252

■ 1.2255, 1.0906,
0.0000

■ 98.0294, 99.2890,
63.6529

■ 0.1264, 0.0000,
0.0000

■ 125.3239,
127.3166, 85.4402

■ 0.0000, 0.0000,
0.0000

■ 157.2658,

160.1770, 111.7056

194.2205,
198.2545, 142.8677

■ 18.4794, 18.1889,
7.2395

■ 18.4794, 18.1889,
7.2395

■ 17.5148, 16.8250,
5.1753

■ 19.5910, 19.6760,
9.8797

■ 16.6866, 15.5768,
3.6407

■ 20.8566, 21.2881,
13.1353

■ 15.9845, 14.4398,
2.5835

■ 22.2844, 23.0301,
17.0436

■ 15.3921, 13.4060,
1.9200

■ 23.8812, 24.9061,
21.6383

■ 15.2014, 13.0684,
1.7213

■ 25.6538, 26.9196,
26.9511

■ 27.6083, 29.0741,
33.0116

■ 29.7506, 31.3730,
39.8474

■ 32.0863, 33.8194,
47.4853

■ 34.6207, 36.4165,
55.9502

Harmonies

Analogous

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



21.5639, 18.1889, 9.4444



18.4794, 18.1889, 7.2395



15.4130, 18.1889, 7.5507

Triad

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



18.4794, 18.1889, 7.2395



12.1894, 18.1889, 25.9209



22.2342, 18.1889, 33.4689

Complementary

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



18.4794, 18.1889, 7.2395



11.2528, 11.2851, 28.3731

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.



19.3092, 18.1889, 41.0374



18.4794, 18.1889, 7.2395



13.6184, 18.1889, 35.8497

Square

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



18.4794, 18.1889, 7.2395



12.0241, 18.1889, 16.6519



16.1489, 18.1889, 42.0206



23.8998, 18.1889, 23.3321

Rectangle

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



18.4794, 18.1889, 7.2395



13.7767, 18.1889, 9.1758



16.1489, 18.1889, 42.0206



21.3504, 18.1889, 36.5137

Sweetspot

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



18.4798, 18.1898, 7.2399



42.5266, 44.3243, 38.0429



15.5568, 10.4158, 12.2088



9.3457, 9.7271, 8.1280



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.4798, 18.1898, 7.2399



30.9170, 29.4694, 8.3870



21.3064, 25.9111, 8.5812



5.6653, 5.9368, 5.7367



13.0645, 11.2606, 1.4849



0.1464, 0.1506, 0.0214

Inverse Universe

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



11.2528, 11.2851, 28.3731



16.6645, 15.8836, 50.1611



9.5018, 6.9468, 27.6280



5.2914, 5.5786, 6.8267



5.6448, 4.2757, 23.5049



0.0743, 0.0816, 0.2315

Previews

White Background



This preview shows how the XYZ color 18.4794, 18.1889, 7.2395 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 18.4794, 18.1889, 7.2395 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 18.4794, 18.1889, 7.2395

Background



This preview shows how black text looks on a background with the XYZ color 18.4794, 18.1889, 7.2395.



This preview shows how white text looks on a background with the XYZ color 18.4794, 18.1889,

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

18.4794, 18.1889, 7.2395

Protanopia

16.7569, 18.3211, 7.6542

Deuteranopia

18.4794, 18.1889, 7.2395



Tritanopia

20.7466, 18.1428, 18.6281

Trichromacy



Original Color

18.4794, 18.1889, 7.2395

Protanomaly

17.2784, 18.2436, 7.4612

Deuteranomaly

18.4794, 18.1889, 7.2395

Tritanomaly

19.7927, 18.0777, 13.5125

Monochromacy



Original Color

18.4794, 18.1889, 7.2395

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.1555, 17.8659, 13.8535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4794, 18.1889, 7.2395 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(145, 113, 63)` looks like.

```
.text, #text, p{  
    color:rgb(145, 113, 63)  
}
```

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(145, 113, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 113, 63) }
```

Border

The CSS property to change the border of an element to XYZ 18.4794, 18.1889, 7.2395 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(145, 113, 63) }
```


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

```
.border{ border-color:rgb(145, 113, 63) }
```

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

Here you see how a box with a 4 pixel rgb(145, 113, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 113, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 113, 63);  
box-shadow:4px 4px 4px 4px rgb(145, 113,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4794, 18.1889, 7.2395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 113, 63) }
```

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

```
.background{ background-color: rgb(145,  
113, 63) }
```

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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