

Converting Colors

XYZ(19.1483, 22.4647, 15.5153)

Have a look what the booklet for
XYZ(19.1483, 22.4647, 15.5153)
contains.

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Color

**XYZ(19.1813, 22.4785,
15.6397)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8765
RGB	123, 135, 101
RGB Percent	48%, 53%, 40%
CMY	0.5176, 0.4706, 0.6039
CMYK	0.09, 0.00, 0.25, 0.47
HSL	81°, 14%, 46%
HSV	81°, 25%, 53%
XYZ	19.1813, 22.4785, 15.6397
YIQ	127.5360, 3.7620, -13.1180

Conversions

Conversions Part 2

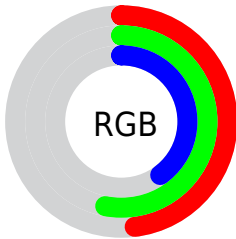
Format	Color
RYB	101, 135, 113
Decimal	8095589
CIELab	54.53, -10.73, 16.86
CIElCh	55, 19.989, 122.474
Yxy	22.4785, 0.3348, 0.3923
Android (android.graphics.Color)	4286285669 (0xFF7B8765)
YUV	127.5360, -13.0822, -3.9781
Hunter-Lab	47.4115, -10.7543, 13.6300

Details

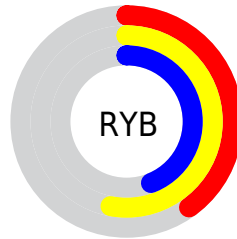
The XYZ color **19.1813, 22.4785, 15.6397** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.8378, 14.5679, 24.9001**, and the grayscale version is **20.4006, 21.4630, 23.3733**.

A 20% lighter version of the original color is **41.5552, 47.4635, 36.6770**, and **6.7384, 8.2192, 4.7213** is the 20% darker color. If you saturate the color by 10%, you get **17.9084, 21.8932, 12.4064**, and if you desaturate by 10%, it is **20.5973, 23.1263, 19.4479**.

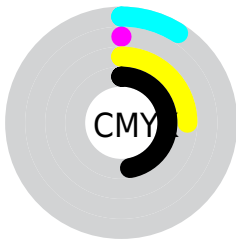
Distribution



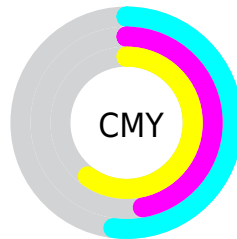
- Red (48%)
- Green (53%)
- Blue (40%)



- Red (40%)
- Yellow (53%)
- Blue (44%)



- Cyan (9%)
- Magenta (0%)
- Yellow (25%)
- Black (47%)



- Cyan (52%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1813, 22.4785, 15.6397 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 19.1813, 22.4785, 15.6397 by changing the saturation by 10% instead.

■ 19.1813, 22.4785,
15.6397

■ 19.1813, 22.4785,
15.6397

240.3668,
265.0350, 238.9789

■ 11.9061, 14.2089,
9.1180

■ 41.5547, 47.5356,
36.7296

■ 6.7515, 8.2661,
4.7203

■ 57.3837, 65.0919,
52.1349

■ 3.3521, 4.2657,
2.0283

■ 76.7947, 86.5125,
71.3384

■ 1.3426, 1.8233,
0.5726

■ 100.1530,
112.1820, 94.7587

■ 0.2148, 0.5016,
0.0000

127.8240,
142.4845, 122.8144

■ 0.0000, 0.0000,
0.0000

160.1731,

177.8046, 155.9239

197.5655,
218.5267, 194.5059

■ 19.1813, 22.4785,
15.6397

■ 19.1813, 22.4785,
15.6397

■ 17.9084, 21.8932,
12.4064

■ 20.5973, 23.1263,
19.4479

■ 16.7710, 21.3652,
9.7186

■ 22.1600, 23.8360,
23.8555

■ 15.7635, 20.8929,
7.5465

■ 23.8750, 24.6105,
28.8876

■ 14.8792, 20.4734,
5.8568

■ 25.7473, 25.4519,
34.5671

■ 14.1104, 20.1038,
4.6125

■ 27.7813, 26.3621,
40.9160

■ 13.4485, 19.7806,
3.7710

■ 29.9815, 27.3428,
47.9552

■ 12.8816, 19.4988,
3.2713

■ 32.3520, 28.3958,
55.7046

■ 12.6273, 19.3718,
3.0736

■ 34.8970, 29.5228,
64.1833

■ 37.6203, 30.7253,
73.4098

Harmonies

Analogous

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



21.1837, 22.4785, 14.2888



19.1813, 22.4785, 15.6397



17.8415, 22.4785, 19.3103

Triad

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



19.1813, 22.4785, 15.6397



19.4761, 22.4785, 36.8147



25.8582, 22.4785, 23.9579

Complementary

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



19.1813, 22.4785, 15.6397



15.8378, 14.5679, 24.9001

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.



25.3246, 22.4785, 30.4877



19.1813, 22.4785, 15.6397



21.5476, 22.4785, 38.6223

Square

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



19.1813, 22.4785, 15.6397



18.0033, 22.4785, 31.5445



23.7087, 22.4785, 36.1349



25.1214, 22.4785, 18.5499

Rectangle

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



19.1813, 22.4785, 15.6397



17.4535, 22.4785, 22.9283



23.7087, 22.4785, 36.1349



25.8215, 22.4785, 26.0903

Sweetspot

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



19.1819, 22.4795, 15.6402



38.8164, 42.2910, 40.2409



18.2354, 17.8792, 14.8021



8.9001, 9.7536, 9.0661



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.1819, 22.4795, 15.6402



33.0675, 39.6652, 24.7064



16.9694, 21.3389, 15.5366



4.8844, 5.3430, 5.0032



11.6581, 17.8699, 2.8348



0.0483, 0.0660, 0.0102

Inverse Universe

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



15.8378, 14.5679, 24.9001



26.0558, 23.0725, 44.1285



18.2183, 15.7951, 25.0115



4.5781, 4.6186, 5.8509



5.1552, 2.1918, 21.2880



0.0252, 0.0114, 0.0741

Previews

White Background



This preview shows how the XYZ color 19.1813, 22.4785, 15.6397 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 19.1813, 22.4785, 15.6397 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 19.1813, 22.4785, 15.6397

Background



This preview shows how black text looks on a background with the XYZ color 19.1813, 22.4785, 15.6397.



This preview shows how white text looks on a background with the XYZ color 19.1813, 22.4785,

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

19.1813, 22.4785, 15.6397

Protanopia

20.8822, 22.3551, 15.0187

Deuteranopia

22.7307, 22.3219, 15.9425



Tritanopia

21.7695, 22.5258, 28.0115

Trichromacy



Original Color

19.1813, 22.4785, 15.6397

Protanomaly

20.2244, 22.4092, 15.3161

Deuteranomaly

21.2330, 22.3225, 15.7600

Tritanomaly

20.7696, 22.5209, 22.9910

Monochromacy



Original Color

19.1813, 22.4785, 15.6397

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.9905, 21.9762, 20.3278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1813, 22.4785, 15.6397 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(123, 135, 101)` looks like.

```
.text, #text, p{  
    color:rgb(123, 135, 101)  
}
```

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(123, 135, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 135, 101) }
```

Border

The CSS property to change the border of an element to XYZ 19.1813, 22.4785, 15.6397 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(123, 135, 101) }
```


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

```
.border{ border-color:rgb(123, 135, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 135, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 135, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 135, 101);  
box-shadow:4px 4px 4px 4px rgb(123, 135,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1813, 22.4785, 15.6397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 135, 101) }
```

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

```
.background{ background-color: rgb(123,  
135, 101) }
```

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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