

Converting Colors

XYZ(19.2448, 22.9177, 15.4335)

Have a look what the booklet for
XYZ(19.2448, 22.9177, 15.4335)
contains.

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Color

**XYZ(19.2719, 22.9490,
15.4705)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8964
RGB	122, 137, 100
RGB Percent	48%, 54%, 39%
CMY	0.5216, 0.4627, 0.6078
CMYK	0.11, 0.00, 0.27, 0.46
HSL	84°, 16%, 46%
HSV	84°, 27%, 54%
XYZ	19.2719, 22.9490, 15.4705
YIQ	128.2970, 2.9370, -14.6870

Conversions

Conversions Part 2

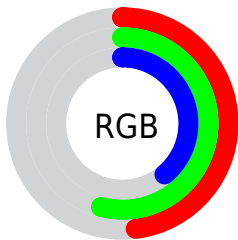
Format	Color
RYB	100, 137, 115
Decimal	8030564
CIELab	55.02, -12.38, 18.09
CIElCh	55, 21.916, 124.389
Yxy	22.9490, 0.3341, 0.3978
Android (android.graphics.Color)	4286220644 (0xFF7A8964)
YUV	128.2970, -13.9504, -5.5225
Hunter-Lab	47.9051, -12.0246, 14.3864

Details

The XYZ color **19.2719, 22.9490, 15.4705** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.1438, 14.5661, 25.6289**, and the grayscale version is **20.6677, 21.7440, 23.6792**.

A 20% lighter version of the original color is **41.6786, 48.1752, 36.3802**, and **6.7985, 8.4899, 4.6486** is the 20% darker color. If you saturate the color by 10%, you get **17.8997, 22.3126, 12.2312**, and if you desaturate by 10%, it is **20.8018, 23.6552, 19.3003**.

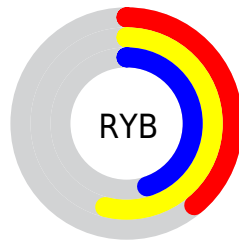
Distribution



Red (48%)

Green (54%)

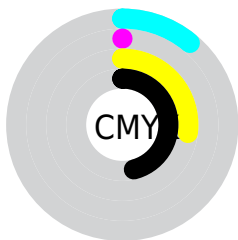
Blue (39%)



Red (39%)

Yellow (54%)

Blue (45%)

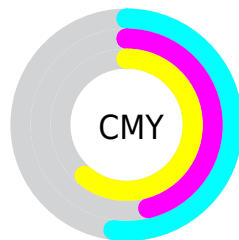


Cyan (11%)

Magenta (0%)

Yellow (27%)

Black (46%)



Cyan (52%)

Magenta (46%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2719, 22.9490, 15.4705 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 19.2719, 22.9490, 15.4705 by changing the saturation by 10% instead.

■ 19.2719, 22.9490,
15.4705

■ 19.2719, 22.9490,
15.4705

240.8551,
267.4629, 237.9347

■ 11.9721, 14.5559,
9.0000

■ 41.7064, 48.3096,
36.4304

■ 6.7967, 8.5083,
4.6444

■ 57.5717, 66.0458,
51.7568

■ 3.3805, 4.4219,
1.9851

■ 77.0230, 87.6651,
70.8724

■ 1.3580, 1.9122,
0.5461

■ 100.4255,
113.5520, 94.1955

■ 0.2260, 0.5557,
0.0000

128.1446,
144.0909, 122.1447

■ 0.0000, 0.0000,
0.0000

160.5457,

179.6660, 155.1387

197.9941,
220.6619, 193.5958

■ 19.2719, 22.9490,
15.4705

■ 19.2719, 22.9490,
15.4705

■ 17.8997, 22.3126,
12.2312

■ 20.8018, 23.6552,
19.3003

■ 16.6772, 21.7404,
9.5515

■ 22.4935, 24.4307,
23.7464

■ 15.5980, 21.2306,
7.4000

■ 24.3532, 25.2787,
28.8350

■ 14.6548, 20.7800,
5.7414

■ 26.3862, 26.2015,
34.5903

■ 13.8392, 20.3854,
4.5365

■ 28.5975, 27.2011,
41.0351

■ 13.1418, 20.0428,
3.7397

■ 30.9920, 28.2795,
48.1914

■ 12.5459, 19.7454,
3.2677

■ 33.5741, 29.4387,
56.0799

■ 12.3783, 19.6616,
3.1427

■ 36.3484, 30.6806,
64.7208

■ 39.3192, 32.0068,
74.1332

Harmonies

Analogous

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



21.4558, 22.9490, 13.8554



19.2719, 22.9490, 15.4705



17.8547, 22.9490, 19.6251

Triad

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



19.2719, 22.9490, 15.4705



19.8493, 22.9490, 39.1438



26.8247, 22.9490, 23.9748

Complementary

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



19.2719, 22.9490, 15.4705



16.1438, 14.5661, 25.6289

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.



26.3154, 22.9490, 31.2474



19.2719, 22.9490, 15.4705



22.1728, 22.9490, 40.8943

Square

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



19.2719, 22.9490, 15.4705



18.1703, 22.9490, 33.3573



24.5668, 22.9490, 37.7752



25.9112, 22.9490, 18.1499

Rectangle

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



19.2719, 22.9490, 15.4705



17.4743, 22.9490, 23.6986



24.5668, 22.9490, 37.7752



26.8147, 22.9490, 26.3225

Sweetspot

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



19.2725, 22.9500, 15.4710



39.9102, 43.5796, 41.5344



18.7256, 18.4552, 14.6322



8.8571, 9.7314, 9.0641



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.



19.2725, 22.9500, 15.4710



33.0773, 40.4321, 24.2724



16.9208, 21.7377, 15.3609



5.2381, 5.7455, 5.3853



11.5434, 18.3208, 2.9279



0.0933, 0.1303, 0.0202

Inverse Universe

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



16.1438, 14.5661, 25.6289



26.5662, 22.9799, 45.4185



18.7937, 15.9321, 25.7529



4.9542, 4.9848, 6.3069



5.7149, 2.4603, 22.2194



0.0538, 0.0245, 0.1483

Previews

White Background



This preview shows how the XYZ color 19.2719, 22.9490, 15.4705 looks on a white background.

Color Contrast Check

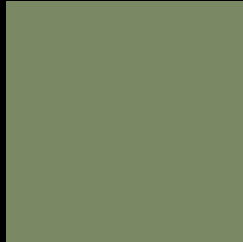
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2719, 22.9490, 15.4705 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 19.2719, 22.9490, 15.4705

Background



This preview shows how black text looks on a background with the XYZ color 19.2719, 22.9490, 15.4705.



This preview shows how white text looks on a background with the XYZ color 19.2719, 22.9490,

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

19.2719, 22.9490, 15.4705

Protanopia

21.2585, 22.7584, 14.5816

Deuteranopia

23.1856, 22.7510, 15.7398



Tritanopia

22.0358, 23.0447, 28.8778

Trichromacy



Original Color

19.2719, 22.9490, 15.4705

Protanomaly

20.4236, 22.7252, 14.8652

Deuteranomaly

21.4869, 22.6556, 15.5524

Tritanomaly

20.9600, 23.0181, 23.4169

Monochromacy



Original Color

19.2719, 22.9490, 15.4705

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 19.2719, 22.9490, 15.4705 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, 137, 100)` looks like.

```
.text, #text, p{  
    color:rgb(122, 137, 100)  
}
```

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, 137, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 137, 100) }
```

Border

The CSS property to change the border of an element to XYZ 19.2719, 22.9490, 15.4705 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, 137, 100) }
```


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

```
.border{ border-color:rgb(122, 137, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 137, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 137, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 137, 100);  
box-shadow:4px 4px 4px 4px rgb(122, 137,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2719, 22.9490, 15.4705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 137, 100) }
```

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

```
.background{ background-color: rgb(122,  
137, 100) }
```

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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