

Converting Colors

XYZ(19.6086, 22.5793, 17.3712)

Have a look what the booklet for
XYZ(19.6086, 22.5793, 17.3712)
contains.

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Color

**XYZ(19.6300, 22.6746,
17.2519)**

Conversions

Conversions Part 1

Format	Color
Hex	7C876B
RGB	124, 135, 107
RGB Percent	49%, 53%, 42%
CMY	0.5137, 0.4706, 0.5804
CMYK	0.08, 0.00, 0.21, 0.47
HSL	84°, 12%, 47%
HSV	84°, 21%, 53%
XYZ	19.6300, 22.6746, 17.2519
YIQ	128.5190, 2.4320, -11.0400

Conversions

Conversions Part 2

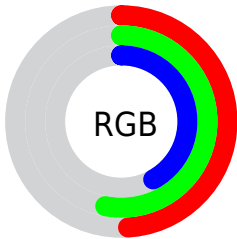
Format	Color
R _Y B	107, 135, 118
Decimal	8161131
CIE Lab	54.74, -9.34, 13.73
CIE LCh	55, 16.612, 124.232
Yxy	22.6746, 0.3296, 0.3807
Android (android.graphics.Color)	4286351211 (0xFF7C876B)
YUV	128.5190, -10.6089, -3.9632
Hunter-Lab	47.6179, -9.7463, 11.8518

Details

The XYZ color **19.6300, 22.6746, 17.2519** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.1030, 16.1168, 25.1324**, and the grayscale version is **20.7340, 21.8137, 23.7552**.

A 20% lighter version of the original color is **42.2862, 47.7822, 39.3419**, and **6.9658, 8.3191, 5.5136** is the 20% darker color. If you saturate the color by 10%, you get **18.2286, 22.0286, 13.7638**, and if you desaturate by 10%, it is **21.1848, 23.3882, 21.3271**.

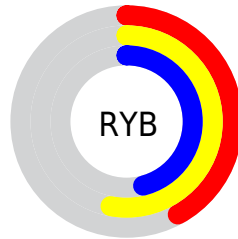
Distribution



Red (49%)

Green (53%)

Blue (42%)



Red (42%)

Yellow (53%)

Blue (46%)

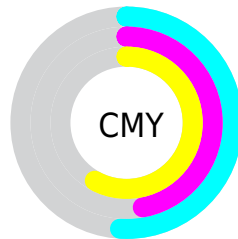


Cyan (8%)

Magenta (0%)

Yellow (21%)

Black (47%)



Cyan (51%)

Magenta (47%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6300, 22.6746, 17.2519 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 19.6300, 22.6746, 17.2519 by changing the saturation by 10% instead.

■ 19.6300, 22.6746,
17.2519

■ 19.6300, 22.6746,
17.2519

242.7769,
266.0492, 248.7128

■ 12.2331, 14.3534,
10.2504

■ 42.3047, 47.8585,
39.5549

■ 6.9759, 8.3669,
5.4575

■ 58.3131, 65.4899,
55.6936

■ 3.4933, 4.3306,
2.4547

■ 77.9228, 86.9936,
75.7150

■ 1.4197, 1.8602,
0.8160

■ 101.4990,
112.7539, 100.0377

■ 0.2702, 0.5243,
0.0000

129.4072,
143.1553, 129.0803

■ 0.0000, 0.0000,
0.0000

162.0127,

178.5820, 163.2613

199.6808,
219.4185, 202.9993

■ 19.6300, 22.6746,
17.2519

■ 19.6300, 22.6746,
17.2519

■ 18.2286, 22.0286,
13.7638

■ 21.1848, 23.3882,
21.3271

■ 16.9729, 21.4448,
10.8342

■ 22.8967, 24.1688,
26.0131

■ 15.8575, 20.9217,
8.4344

■ 24.7712, 25.0193,
31.3344

■ 14.8756, 20.4566,
6.5326

■ 26.8134, 25.9419,
37.3134

■ 14.0197, 20.0464,
5.0935

■ 29.0279, 26.9384,
43.9716

■ 13.2818, 19.6877,
4.0773

■ 31.4191, 28.0107,
51.3294

■ 12.6520, 19.3766,
3.4373

■ 33.9912, 29.1606,
59.4064

■ 12.1403, 19.1208,
3.0508

■ 36.7486, 30.3898,
68.2215

■ 39.6950, 31.7000,
77.7928

Harmonies

Analogous

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



21.2926, 22.6746, 15.9325



19.6300, 22.6746, 17.2519



18.5323, 22.6746, 20.5575

Triad

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



19.6300, 22.6746, 17.2519



20.0561, 22.6746, 34.9342



25.2589, 22.6746, 23.9518

Complementary

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



19.6300, 22.6746, 17.2519



17.1030, 16.1168, 25.1324

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.



24.8821, 22.6746, 29.3394



19.6300, 22.6746, 17.2519



21.8125, 22.6746, 36.1785

Square

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



19.6300, 22.6746, 17.2519



18.7683, 22.6746, 30.8100



23.5945, 22.6746, 34.0043



24.5971, 22.6746, 19.4373

Rectangle

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



19.6300, 22.6746, 17.2519



18.2333, 22.6746, 23.6887



23.5945, 22.6746, 34.0043



25.2498, 22.6746, 25.7167

Sweetspot

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



19.6306, 22.6756, 17.2524



39.3127, 42.5103, 41.9184



19.0934, 19.1074, 16.5920



9.0660, 9.8274, 9.6032



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.



19.6306, 22.6756, 17.2524



33.9097, 40.0328, 27.7562



17.7822, 21.7227, 17.1659



4.8673, 5.3341, 5.0024



11.2095, 17.6387, 2.8138



0.0471, 0.0653, 0.0101

Inverse Universe

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



17.1030, 16.1168, 25.1324



28.5172, 26.0377, 44.5711



19.1058, 17.1493, 25.2261



4.5948, 4.6272, 5.8517



5.4029, 2.3195, 21.2996



0.0265, 0.0121, 0.0742

Previews

White Background



This preview shows how the XYZ color 19.6300, 22.6746, 17.2519 looks on a white background.

Color Contrast Check

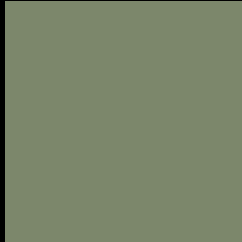
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6300, 22.6746, 17.2519 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 19.6300, 22.6746, 17.2519

Background



This preview shows how black text looks on a background with the XYZ color 19.6300, 22.6746, 17.2519.



This preview shows how white text looks on a background with the XYZ color 19.6300, 22.6746,

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

19.6300, 22.6746, 17.2519

Protanopia

21.3136, 22.7415, 16.6308

Deuteranopia

22.9837, 22.6051, 17.6199



Tritanopia

21.8436, 22.5555, 28.4017

Trichromacy



Original Color

19.6300, 22.6746, 17.2519

Protanomaly

20.6843, 22.6115, 16.9099

Deuteranomaly

21.5415, 22.4459, 17.3845

Tritanomaly

20.9661, 22.5995, 24.0260

Monochromacy



Original Color

19.6300, 22.6746, 17.2519

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.3199, 22.1251, 21.2888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6300, 22.6746, 17.2519 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(124, 135, 107)` looks like.

```
.text, #text, p{  
    color:rgb(124, 135, 107)  
}
```

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(124, 135, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 135, 107) }
```

Border

The CSS property to change the border of an element to XYZ 19.6300, 22.6746, 17.2519 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(124, 135, 107) }
```


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

```
.border{ border-color:rgb(124, 135, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 135, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 135, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 135, 107);  
box-shadow:4px 4px 4px 4px rgb(124, 135,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6300, 22.6746, 17.2519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 135, 107) }
```

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

```
.background{ background-color: rgb(124,  
135, 107) }
```

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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