

Converting Colors

XYZ(17.9573, 21.4000, 13.5032)

Have a look what the booklet for
XYZ(17.9573, 21.4000, 13.5032)
contains.

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Color

**XYZ(17.9711, 21.4873,
13.5562)**

Conversions

Conversions Part 1

Format	Color
Hex	77855D
RGB	119, 133, 93
RGB Percent	47%, 52%, 36%
CMY	0.5333, 0.4784, 0.6353
CMYK	0.11, 0.00, 0.30, 0.48
HSL	81°, 18%, 44%
HSV	81°, 30%, 52%
XYZ	17.9711, 21.4873, 13.5562
YIQ	124.2540, 4.4960, -15.4080

Conversions

Conversions Part 2

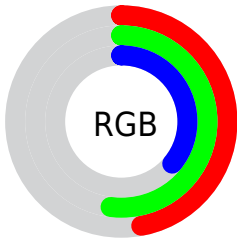
Format	Color
RYB	93, 133, 107
Decimal	7832925
CIELab	53.48, -12.50, 19.92
CIELCh	53, 23.520, 122.102
Yxy	21.4873, 0.3390, 0.4053
Android (android.graphics.Color)	4286023005 (0xFF77855D)
YUV	124.2540, -15.4082, -4.6078
Hunter-Lab	46.3544, -11.9177, 15.1089

Details

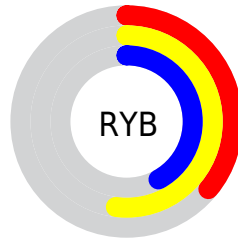
The XYZ color **17.9711, 21.4873, 13.5562** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.2122, 12.6485, 23.8838**, and the grayscale version is **19.2922, 20.2969, 22.1033**.

A 20% lighter version of the original color is **39.6062, 45.9021, 33.1581**, and **6.1122, 7.6859, 3.7461** is the 20% darker color. If you saturate the color by 10%, you get **16.8093, 20.9513, 10.6897**, and if you desaturate by 10%, it is **19.2678, 22.0823, 16.9648**.

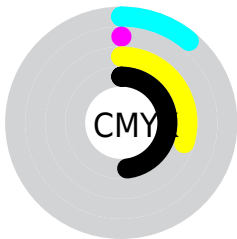
Distribution



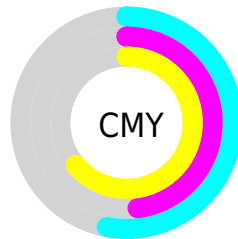
- Red (47%)
- Green (52%)
- Blue (36%)



- Red (36%)
- Yellow (52%)
- Blue (42%)



- Cyan (11%)
- Magenta (0%)
- Yellow (30%)
- Black (48%)



- Cyan (53%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9711, 21.4873, 13.5562 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 17.9711, 21.4873, 13.5562 by changing the saturation by 10% instead.

■ 17.9711, 21.4873,
13.5562

■ 17.9711, 21.4873,
13.5562

233.7568,
259.8570, 225.7838

■ 11.0288, 13.4807,
7.6774

■ 39.5185, 45.8971,
33.0052

■ 6.1536, 7.7604,
3.8045

■ 54.8544, 63.0691,
47.4125

■ 2.9803, 3.9420,
1.5187

■ 73.7188, 84.0650,
65.4997

■ 1.1433, 1.6412,
0.2318

■ 96.4772, 109.2692,
87.6854

■ 0.0609, 0.3851,
0.0000

123.4948,
139.0662, 114.3882

■ 0.0000, 0.0000,
0.0000

155.1370,

173.8401, 146.0264

191.7693,
213.9756, 183.0188

■ 17.9711, 21.4873,
13.5562

■ 17.9711, 21.4873,
13.5562

■ 16.8093, 20.9513,
10.6897

■ 19.2678, 22.0823,
16.9648

■ 15.7750, 20.4691,
8.3359

■ 20.7031, 22.7358,
20.9402

■ 14.8625, 20.0392,
6.4649

■ 22.2826, 23.4506,
25.5069

■ 14.0650, 19.6587,
5.0429

■ 24.0111, 24.2288,
30.6879

■ 13.3747, 19.3245,
4.0319

■ 25.8930, 25.0721,
36.5048

■ 12.7829, 19.0330,
3.3876

■ 27.9327, 25.9825,
42.9783

■ 12.2669, 18.7756,
2.9775

■ 30.1343, 26.9615,
50.1279

■ 32.5017, 28.0107,
57.9725

■ 35.0389, 29.1319,
66.5303

Harmonies

Analogous

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



20.2470, 21.4873, 12.1498



17.9711, 21.4873, 13.5562



16.4587, 21.4873, 17.5222

Triad

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



17.9711, 21.4873, 13.5562



18.2533, 21.4873, 37.8109



25.6189, 21.4873, 22.8941

Complementary

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



17.9711, 21.4873, 13.5562



14.2122, 12.6485, 23.8838

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.



24.9777, 21.4873, 30.4545



17.9711, 21.4873, 13.5562



20.6001, 21.4873, 40.0464

Square

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



17.9711, 21.4873, 13.5562



16.6121, 21.4873, 31.5103



23.0884, 21.4873, 37.1190



24.7764, 21.4873, 16.8100

Rectangle

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



17.9711, 21.4873, 13.5562



16.0180, 21.4873, 21.5531



23.0884, 21.4873, 37.1190



25.5697, 21.4873, 25.3411

Sweetspot

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



17.9717, 21.4882, 13.5567



37.3093, 40.8203, 38.1675



16.9071, 16.2929, 12.6100



8.3285, 9.1615, 8.3808



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.9717, 21.4882, 13.5567



30.7529, 37.8199, 20.7111



15.5096, 20.2190, 13.4414



4.8857, 5.3436, 5.0033



11.6928, 17.8878, 2.8364



0.0484, 0.0661, 0.0102

Inverse Universe

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



14.2122, 12.6485, 23.8838



22.9090, 19.3688, 42.2695



16.9011, 14.0347, 24.0096



4.5769, 4.6180, 5.8509



5.1380, 2.1829, 21.2872



0.0251, 0.0113, 0.0741

Previews

White Background



This preview shows how the XYZ color 17.9711, 21.4873, 13.5562 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 17.9711, 21.4873, 13.5562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

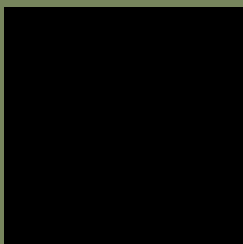
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.9711, 21.4873, 13.5562

Background



This preview shows how black text looks on a background with the XYZ color 17.9711, 21.4873, 13.5562.



This preview shows how white text looks on a background with the XYZ color 17.9711, 21.4873,

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

17.9711, 21.4873, 13.5562

Protanopia

19.7942, 21.2524, 12.9564

Deuteranopia

21.6028, 21.2293, 13.7856



Tritanopia

20.5622, 21.3449, 26.7031

Trichromacy



Original Color

17.9711, 21.4873, 13.5562

Protanomaly

18.9879, 21.2190, 13.2201

Deuteranomaly

20.1287, 21.2188, 13.6244

Tritanomaly

19.4698, 21.2919, 21.1727

Monochromacy



Original Color

17.9711, 21.4873, 13.5562

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.5960, 20.5086, 18.6012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9711, 21.4873, 13.5562 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(119, 133, 93)` looks like.

```
.text, #text, p{  
    color:rgb(119, 133, 93)  
}
```

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(119, 133, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 133, 93) }
```

Border

The CSS property to change the border of an element to XYZ 17.9711, 21.4873, 13.5562 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(119, 133, 93) }
```


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

```
.border{ border-color:rgb(119, 133, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 133, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 133, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 133, 93);  
box-shadow:4px 4px 4px 4px rgb(119, 133,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9711, 21.4873, 13.5562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 133, 93) }
```

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

```
.background{ background-color: rgb(119,  
133, 93) }
```

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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