

Converting Colors

XYZ(17.3354, 19.5951, 13.2245)

Have a look what the booklet for
XYZ(17.3354, 19.5951, 13.2245)
contains.

XYZ(17.3354, 19.5951, 13.2245)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.3354, 19.5951,
13.2245)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7D5D
RGB	122, 125, 93
RGB Percent	48%, 49%, 36%
CMY	0.5216, 0.5098, 0.6353
CMYK	0.02, 0.00, 0.26, 0.51
HSL	66°, 15%, 43%
HSV	66°, 26%, 49%
XYZ	17.3354, 19.5951, 13.2245
YIQ	120.4550, 8.4840, -10.5880

Conversions

Conversions Part 2

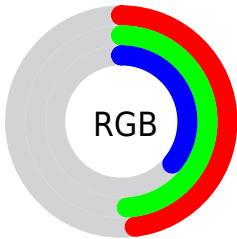
Format	Color
R_{YB}	93, 125, 96
Decimal	8027485
CIE Lab	51.38, -6.86, 17.12
CIE LCh	51, 18.444, 111.840
Yxy	19.5951, 0.3456, 0.3907
Android (android.graphics.Color)	4286217565 (0xFF7A7D5D)
YUV	120.4550, -13.5353, 1.3550
Hunter-Lab	44.2664, -7.5627, 13.2737

Details

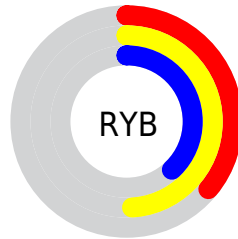
The XYZ color **17.3354, 19.5951, 13.2245** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.4407, 11.7967, 21.0244**, and the grayscale version is **18.0390, 18.9784, 20.6675**.

A 20% lighter version of the original color is **38.5575, 42.9379, 32.2422**, and **5.8452, 6.7906, 3.6920** is the 20% darker color. If you saturate the color by 10%, you get **16.6615, 19.3071, 10.5353**, and if you desaturate by 10%, it is **18.1029, 19.9221, 16.3914**.

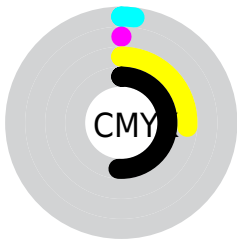
Distribution



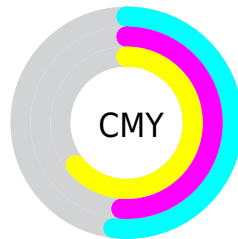
- Red (48%)
- Green (49%)
- Blue (36%)



- Red (36%)
- Yellow (49%)
- Blue (38%)



- Cyan (2%)
- Magenta (0%)
- Yellow (26%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3354, 19.5951, 13.2245 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 17.3354, 19.5951, 13.2245 by changing the saturation by 10% instead.

■ 17.3354, 19.5951,
13.2245

■ 17.3354, 19.5951,
13.2245

230.2166,
249.7146, 223.6096

■ 10.5707, 12.1011,
7.4508

■ 38.4406, 42.7373,
32.4036

■ 5.8441, 6.8125,
3.6629

■ 53.5118, 59.1542,
46.6461

■ 2.7903, 3.3451,
1.4423

■ 72.0825, 79.3143,
64.5485

■ 1.0438, 1.3145,
0.1744

■ 94.5181, 103.6018,
86.5295

■ 0.0000, 0.1524,
0.0000

121.1840,
132.4012, 113.0076

■ 0.0000, 0.0000,
0.0000

152.4454,

166.0969, 144.4012

188.6679,
205.0732, 181.1291

■ 17.3354, 19.5951,
13.2245

■ 17.3354, 19.5951,
13.2245

■ 16.6615, 19.3071,
10.5353

■ 18.1029, 19.9221,
16.3914

■ 16.0752, 19.0538,
8.2994

■ 18.9665, 20.2870,
20.0563

■ 15.5723, 18.8340,
6.4922

■ 19.9306, 20.6925,
24.2399

■ 15.1476, 18.6457,
5.0861

■ 20.9988, 21.1398,
28.9612

■ 14.7951, 18.4866,
4.0505

■ 22.1746, 21.6303,
34.2386

■ 14.5083, 18.3539,
3.3502

■ 23.4614, 22.1655,
40.0892

■ 14.2761, 18.2433,
2.9268

■ 24.8621, 22.7465,
46.5296

■ 14.1791, 18.1968,
2.7650

■ 26.3799, 23.3746,
53.5757

■ 28.0177, 24.0509,
61.2428

Harmonies

Analogous

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



19.1328, 19.5951, 12.7742



17.3354, 19.5951, 13.2245



15.9714, 19.5951, 15.6525

Triad

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



17.3354, 19.5951, 13.2245



16.5170, 19.5951, 30.3656



22.3626, 19.5951, 22.8109

Complementary

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



17.3354, 19.5951, 13.2245



12.4407, 11.7967, 21.0244

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.



21.5563, 19.5951, 28.2509



17.3354, 19.5951, 13.2245



18.1254, 19.5951, 33.0593

Square

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



17.3354, 19.5951, 13.2245



15.5211, 19.5951, 25.3441



19.9761, 19.5951, 32.2274



22.1163, 19.5951, 17.7740

Rectangle

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



17.3354, 19.5951, 13.2245



15.4522, 19.5951, 18.3225



19.9761, 19.5951, 32.2274



22.2038, 19.5951, 24.6624

Sweetspot

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



17.3359, 19.5960, 13.2249



33.5445, 36.1509, 34.1248



14.5864, 13.4559, 12.1847



7.5836, 8.2033, 7.5638



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.3359, 19.5960, 13.2249



30.2810, 34.7639, 20.6215



15.2937, 18.5432, 13.1293



4.6268, 4.9996, 4.6413



14.7948, 18.9894, 2.8856



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.4407, 11.7967, 21.0244



19.8743, 18.1811, 37.2062



14.2564, 12.7328, 21.1094



4.1434, 4.2295, 5.4113



4.0146, 1.6233, 20.3517



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.3354, 19.5951, 13.2245 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 17.3354, 19.5951, 13.2245 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 17.3354, 19.5951, 13.2245

Background



This preview shows how black text looks on a background with the XYZ color 17.3354, 19.5951, 13.2245.



This preview shows how white text looks on a background with the XYZ color 17.3354, 19.5951,

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

17.3354, 19.5951, 13.2245

Protanopia

18.2514, 19.5171, 12.9304

Deuteranopia

19.7545, 19.3884, 13.5276



Tritanopia

19.4981, 19.5567, 23.8662

Trichromacy



Original Color

17.3354, 19.5951, 13.2245

Protanomaly

17.9168, 19.5278, 12.9501

Deuteranomaly

18.7285, 19.3920, 13.3456

Tritanomaly

18.6279, 19.5634, 19.6239

Monochromacy



Original Color

17.3354, 19.5951, 13.2245

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.6592, 19.1098, 17.5097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3354, 19.5951, 13.2245 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, 125, 93)` looks like.

```
.text, #text, p{  
    color:rgb(122, 125, 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(122, 125, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 125, 93) }
```

Border

The CSS property to change the border of an element to XYZ 17.3354, 19.5951, 13.2245 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, 125, 93) }
```


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

```
.border{ border-color:rgb(122, 125, 93) }
```

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

Here you see how a box with a 4 pixel rgb(122, 125, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 125, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 125, 93);  
box-shadow:4px 4px 4px 4px rgb(122, 125,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3354, 19.5951, 13.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 125, 93) }
```

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

```
.background{ background-color: rgb(122,  
125, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor