

Converting Colors

XYZ(17.6060, 21.5393, 10.4437)

Have a look what the booklet for
XYZ(17.6060, 21.5393, 10.4437)
contains.

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Color

**XYZ(17.6460, 21.5933,
10.4456)**

Conversions

Conversions Part 1

Format	Color
Hex	78864E
RGB	120, 134, 78
RGB Percent	47%, 53%, 31%
CMY	0.5294, 0.4745, 0.6941
CMYK	0.10, 0.00, 0.42, 0.47
HSL	75°, 26%, 42%
HSV	75°, 42%, 53%
XYZ	17.6460, 21.5933, 10.4456
YIQ	123.4300, 9.6320, -20.3840

Conversions

Conversions Part 2

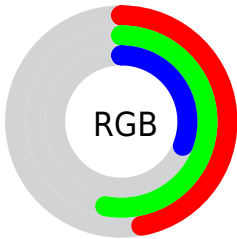
Format	Color
R_{YB}	78, 134, 92
Decimal	7898702
CIE _{Lab}	53.59, -14.73, 28.43
CIE _{LCh}	54, 32.021, 117.391
Yxy	21.5933, 0.3552, 0.4346
Android (android.graphics.Color)	4286088782 (0xFF78864E)
YUV	123.4300, -22.3970, -3.0081
Hunter-Lab	46.4686, -13.5364, 19.2003

Details

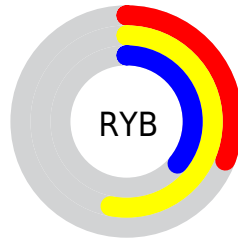
The XYZ color **17.6460, 21.5933, 10.4456** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.4419, 9.4459, 23.7756**, and the grayscale version is **19.0389, 20.0305, 21.8132**.

A 20% lighter version of the original color is **38.9002, 45.9834, 27.2475**, and **5.9568, 7.7470, 2.5479** is the 20% darker color. If you saturate the color by 10%, you get **16.7573, 21.1858, 8.1467**, and if you desaturate by 10%, it is **18.6500, 22.0503, 13.2618**.

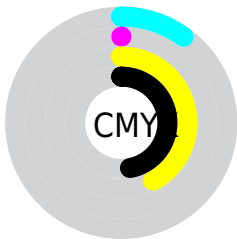
Distribution



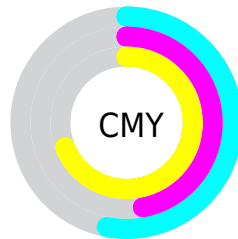
- Red (47%)
- Green (53%)
- Blue (31%)



- Red (31%)
- Yellow (53%)
- Blue (36%)



- Cyan (10%)
- Magenta (0%)
- Yellow (42%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6460, 21.5933, 10.4456 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 17.6460, 21.5933, 10.4456 by changing the saturation by 10% instead.

■ 17.6460, 21.5933,
10.4456

■ 17.6460, 21.5933,
10.4456

231.9525,
260.4150, 204.4225

■ 10.7943, 13.5584,
5.5859

■ 38.9680, 46.0729,
27.2511

■ 5.9949, 7.8142,
2.5303

■ 54.1690, 63.2863,
40.0341

■ 2.8826, 3.9763,
0.8561

■ 72.8838, 84.3281,
56.2952

■ 1.0920, 1.6603,
0.0000

■ 95.4778, 109.5825,
76.4531

■ 0.0184, 0.3977,
0.0000

■ 122.3163,
139.4340, 100.9262

■ 0.0000, 0.0000,
0.0000

153.7647,

174.2670, 130.1331

190.1883,
214.4658, 164.4923

■ 17.6460, 21.5933,
10.4456

■ 17.6460, 21.5933,
10.4456

■ 16.7573, 21.1858,
8.1467

■ 18.6500, 22.0503,
13.2618

■ 15.9761, 20.8225,
6.3323

■ 19.7732, 22.5561,
16.6230

■ 15.2962, 20.5014,
4.9679


■ 21.0216, 23.1139,
20.5562


■ 14.7098, 20.2196,
4.0136


■ 22.3999, 23.7256,
25.0865


■ 14.2079, 19.9735,
3.4230


■ 23.9128, 24.3931,
30.2373

 13.8362, 19.7888,
3.0904

 25.5647, 25.1181,
36.0310

 27.3597, 25.9024,
42.4887

 29.3018, 26.7476,
49.6304

 31.3949, 27.6551,
57.4756

Harmonies

Analogous

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



20.8244, 21.5933, 9.2749



17.6460, 21.5933, 10.4456



15.4701, 21.5933, 14.7563

Triad

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



17.6460, 21.5933, 10.4456



17.1816, 21.5933, 43.1997



27.8147, 21.5933, 24.3787

Complementary

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



17.6460, 21.5933, 10.4456



11.4419, 9.4459, 23.7756

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.



26.5732, 21.5933, 35.1844



17.6460, 21.5933, 10.4456



20.2261, 21.5933, 47.7742

Square

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



17.6460, 21.5933, 10.4456



15.2236, 21.5933, 33.2783



23.6986, 21.5933, 44.4978



26.9302, 21.5933, 15.8711

Rectangle

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



17.6460, 21.5933, 10.4456



14.7546, 21.5933, 19.6371



23.6986, 21.5933, 44.4978



27.6294, 21.5933, 27.8645

Sweetspot

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



17.6465, 21.5943, 10.4461



36.6929, 40.5694, 35.1145



15.0345, 13.2733, 8.9776



8.1686, 9.0962, 7.5987



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.



17.6465, 21.5943, 10.4461



29.6253, 37.3726, 14.6049



14.3146, 19.8766, 10.2901



4.9291, 5.3660, 5.0053



12.9759, 18.5493, 2.8965



0.0516, 0.0677, 0.0103

Inverse Universe

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



11.4419, 9.4459, 23.7756



17.1961, 13.0125, 41.3437



14.7739, 11.1636, 23.9315



4.5356, 4.5967, 5.8489



4.6445, 1.9285, 21.2641



0.0220, 0.0097, 0.0739

Previews

White Background



This preview shows how the XYZ color 17.6460, 21.5933, 10.4456 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 17.6460, 21.5933, 10.4456 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 17.6460, 21.5933, 10.4456

Background



This preview shows how black text looks on a background with the XYZ color 17.6460, 21.5933, 10.4456.



This preview shows how white text looks on a background with the XYZ color 17.6460, 21.5933,

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

17.6460, 21.5933, 10.4456

Protanopia

19.8389, 21.5356, 9.9486

Deuteranopia

21.7712, 21.3832, 10.7645



Tritanopia

20.8571, 21.4969, 26.7169

Trichromacy



Original Color

17.6460, 21.5933, 10.4456

Protanomaly

18.9951, 21.4876, 10.1676

Deuteranomaly

20.0642, 21.2517, 10.6339

Tritanomaly

19.4472, 21.5113, 19.6501

Monochromacy



Original Color

17.6460, 21.5933, 10.4456

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.2693, 20.3779, 16.8803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6460, 21.5933, 10.4456 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(120, 134, 78)` looks like.

```
.text, #text, p{  
    color:rgb(120, 134, 78)  
}
```

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(120, 134, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 134, 78) }
```

Border

The CSS property to change the border of an element to XYZ 17.6460, 21.5933, 10.4456 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(120, 134, 78) }
```


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

```
.border{ border-color:rgb(120, 134, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 134, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 134, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 134, 78);  
box-shadow:4px 4px 4px 4px rgb(120, 134,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6460, 21.5933, 10.4456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 134, 78) }
```

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

```
.background{ background-color: rgb(120,  
134, 78) }
```

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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