

Converting Colors

XYZ(17.7106, 21.4324, 14.5132)

Have a look what the booklet for
XYZ(17.7106, 21.4324, 14.5132)
contains.

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Color

**XYZ(17.6154, 21.2830,
14.4889)**

Conversions

Conversions Part 1

Format	Color
Hex	738561
RGB	115, 133, 97
RGB Percent	45%, 52%, 38%
CMY	0.5490, 0.4784, 0.6196
CMYK	0.14, 0.00, 0.27, 0.48
HSL	90°, 16%, 45%
HSV	90°, 27%, 52%
XYZ	17.6154, 21.2830, 14.4889
YIQ	123.5140, 0.8280, -15.0120

Conversions

Conversions Part 2

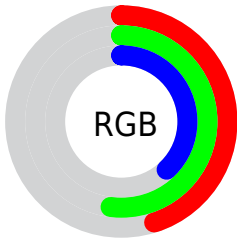
Format	Color
R_{YB}	97, 133, 115
Decimal	7570785
CIE _{Lab}	53.26, -13.45, 17.30
CIE _{LCh}	53, 21.918, 127.865
Yxy	21.2830, 0.3300, 0.3987
Android (android.graphics.Color)	4285760865 (0xFF738561)
YUV	123.5140, -13.0714, -7.4668
Hunter-Lab	46.1335, -12.5760, 13.6726

Details

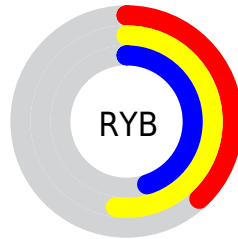
The XYZ color **17.6154, 21.2830, 14.4889** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.5796, 13.8884, 24.0511**, and the grayscale version is **19.0389, 20.0304, 21.8131**.

A 20% lighter version of the original color is **38.8406, 45.4714, 34.7467**, and **5.9157, 7.5751, 4.1680** is the 20% darker color. If you saturate the color by 10%, you get **16.2034, 20.6215, 11.4526**, and if you desaturate by 10%, it is **19.1956, 22.0205, 18.0768**.

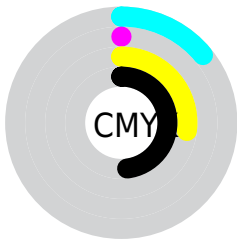
Distribution



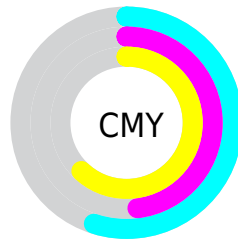
- Red (45%)
- Green (52%)
- Blue (38%)



- Red (38%)
- Yellow (52%)
- Blue (45%)



- Cyan (14%)
- Magenta (0%)
- Yellow (27%)
- Black (48%)



- Cyan (55%)
- Magenta (48%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6154, 21.2830, 14.4889 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 17.6154, 21.2830, 14.4889 by changing the saturation by 10% instead.

■ 17.6154, 21.2830,
14.4889

■ 17.6154, 21.2830,
14.4889

231.7820,
258.7787, 231.7847

■ 10.7722, 13.3310,
8.3189

■ 38.9161, 45.5581,
34.6836

■ 5.9800, 7.6569,
4.2090

■ 54.1044, 62.6499,
49.5453

■ 2.8735, 3.8762,
1.7407

■ 72.8050, 83.5572,
68.1413

■ 1.0872, 1.6045,
0.3884

■ 95.3835, 108.6643,
90.8901

■ 0.0144, 0.3607,
0.0000

122.2050,
138.3556, 118.2103

■ 0.0000, 0.0000,
0.0000

153.6351,

173.0155, 150.5205

190.0389,
213.0284, 188.2391

■ 17.6154, 21.2830,
14.4889

■ 17.6154, 21.2830,
14.4889

■ 16.2034, 20.6215,
11.4526

■ 19.1956, 22.0205,
18.0768

■ 14.9515, 20.0304,
8.9391

■ 20.9486, 22.8338,
22.2404

■ 13.8532, 19.5078,
6.9193

■ 22.8805, 23.7264,
27.0040

■ 12.9009, 19.0504,
5.3604

■ 24.9969, 24.7004,
32.3900

■ 12.0863, 18.6547,
4.2257

■ 27.3031, 25.7582,
38.4200

■ 11.3997, 18.3167,
3.4732

■ 29.8039, 26.9018,
45.1141

■ 10.8242, 18.0294,
3.0215

■ 32.5042, 28.1334,
52.4919

■ 10.6681, 17.9514,
2.9027

■ 35.4087, 29.4549,
60.5719

■ 38.5218, 30.8682,
69.3722

Harmonies

Analogous

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



19.6253, 21.2830, 12.6921



17.6154, 21.2830, 14.4889



16.3760, 21.2830, 18.6904

Triad

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



17.6154, 21.2830, 14.4889



18.5960, 21.2830, 37.1171



24.9713, 21.2830, 21.4710

Complementary

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



17.6154, 21.2830, 14.4889



15.5796, 13.8884, 24.0511

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.



24.6431, 21.2830, 28.3218



17.6154, 21.2830, 14.4889



20.8447, 21.2830, 38.2517

Square

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



17.6154, 21.2830, 14.4889



16.9113, 21.2830, 31.9215



23.0888, 21.2830, 34.7778



23.9542, 21.2830, 16.1905

Rectangle

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



17.6154, 21.2830, 14.4889



16.0950, 21.2830, 22.7014



23.0888, 21.2830, 34.7778



25.0160, 21.2830, 23.6523

Sweetspot

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



17.6160, 21.2839, 14.4894



37.1475, 40.7195, 38.9434



17.9622, 18.1119, 13.8589



8.2716, 9.1286, 8.5394



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.



17.6160, 21.2839, 14.4894



30.0775, 37.4258, 22.7508



15.4757, 20.1806, 14.3892



4.8216, 5.3106, 5.0003



10.1703, 17.1029, 2.7652



0.0436, 0.0636, 0.0100

Inverse Universe

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



15.5796, 13.8884, 24.0511



25.8434, 22.0487, 42.6321



18.1821, 15.2300, 24.1729



4.6398, 4.6504, 5.8538



6.2149, 2.7380, 21.3376



0.0299, 0.0138, 0.0743

Previews

White Background



This preview shows how the XYZ color 17.6154, 21.2830, 14.4889 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 17.6154, 21.2830, 14.4889 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 17.6154, 21.2830, 14.4889

Background



This preview shows how black text looks on a background with the XYZ color 17.6154, 21.2830, 14.4889.



This preview shows how white text looks on a background with the XYZ color 17.6154, 21.2830,

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

17.6154, 21.2830, 14.4889

Protanopia

19.7631, 21.2211, 13.6441

Deuteranopia

21.6061, 21.2095, 14.7595



Tritanopia

20.1918, 21.3383, 27.0992

Trichromacy



Original Color

17.6154, 21.2830, 14.4889

Protanomaly

18.8179, 21.1159, 13.9104

Deuteranomaly

19.9820, 21.1219, 14.5790

Tritanomaly

19.1655, 21.3173, 21.8434

Monochromacy



Original Color

17.6154, 21.2830, 14.4889

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.5118, 20.4586, 18.8928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6154, 21.2830, 14.4889 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(115, 133, 97)` looks like.

```
.text, #text, p{  
    color:rgb(115, 133, 97)  
}
```

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(115, 133, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 133, 97) }
```

Border

The CSS property to change the border of an element to XYZ 17.6154, 21.2830, 14.4889 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(115, 133, 97) }
```


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

```
.border{ border-color:rgb(115, 133, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 133, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 133, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 133, 97);  
box-shadow:4px 4px 4px 4px rgb(115, 133,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6154, 21.2830, 14.4889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 133, 97) }
```

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

```
.background{ background-color: rgb(115,  
133, 97) }
```

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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