

Converting Colors

XYZ(17.7162, 21.3715, 16.4992)

Have a look what the booklet for
XYZ(17.7162, 21.3715, 16.4992)
contains.

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Color

**XYZ(17.6194, 21.2397,
16.5356)**

Conversions

Conversions Part 1

Format	Color
Hex	708569
RGB	112, 133, 105
RGB Percent	44%, 52%, 41%
CMY	0.5608, 0.4784, 0.5882
CMYK	0.16, 0.00, 0.21, 0.48
HSL	105°, 12%, 47%
HSV	105°, 21%, 52%
XYZ	17.6194, 21.2397, 16.5356
YIQ	123.5290, -3.5280, -13.1600

Conversions

Conversions Part 2

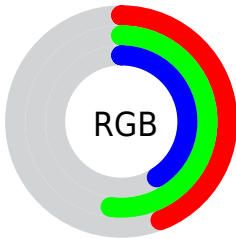
Format	Color
R_{YB}	105, 133, 126
Decimal	7374185
CIE _{Lab}	53.21, -13.23, 12.62
CIE _{LCh}	53, 18.286, 136.339
Yxy	21.2397, 0.3181, 0.3834
Android (android.graphics.Color)	4285564265 (0xFF708569)
YUV	123.5290, -9.1348, -10.1109
Hunter-Lab	46.0865, -12.4089, 10.9877

Details

The XYZ color **17.6194, 21.2397, 16.5356** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.8902, 16.2328, 24.3817**, and the grayscale version is **19.0323, 20.0234, 21.8055**.

A 20% lighter version of the original color is **38.8695, 45.4106, 38.1690**, and **5.9713, 7.5820, 5.1517** is the 20% darker color. If you saturate the color by 10%, you get **15.7890, 20.3696, 13.1563**, and if you desaturate by 10%, it is **19.6986, 22.2269, 20.4856**.

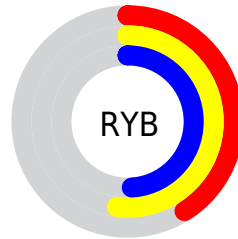
Distribution



Red (44%)

Green (52%)

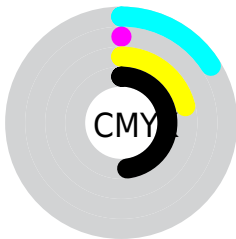
Blue (41%)



Red (41%)

Yellow (52%)

Blue (49%)

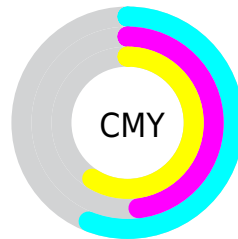


Cyan (16%)

Magenta (0%)

Yellow (21%)

Black (48%)



Cyan (56%)

Magenta (48%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6194, 21.2397, 16.5356 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 17.6194, 21.2397, 16.5356 by changing the saturation by 10% instead.

■ 17.6194, 21.2397,
16.5356

■ 17.6194, 21.2397,
16.5356

231.8043,
258.5496, 244.4344

■ 10.7751, 13.2993,
9.7455

■ 38.9229, 45.4861,
38.3052

■ 5.9820, 7.6350,
5.1272

■ 54.1128, 62.5610,
54.1218

■ 2.8747, 3.8623,
2.2620

■ 72.8154, 83.4494,
73.7843

■ 1.0878, 1.5968,
0.7098

■ 95.3958, 108.5359,
97.7113

■ 0.0149, 0.3555,
0.0000

122.2196,
138.2047, 126.3212

■ 0.0000, 0.0000,
0.0000

153.6520,

172.8404, 160.0327

190.0585,
212.8272, 199.2643

■ 17.6194, 21.2397,
16.5356

■ 17.6194, 21.2397,
16.5356

■ 15.7890, 20.3696,
13.1563

■ 19.6986, 22.2269,
20.4856

■ 14.1960, 19.6096,
10.3200

■ 22.0338, 23.3326,
25.0295

■ 12.8311, 18.9558,
7.9988

■ 24.6341, 24.5616,
30.1909

■ 11.6831, 18.4035,
6.1617

■ 27.5077, 25.9176,
35.9919

■ 10.7402, 17.9472,
4.7743

■ 30.6624, 27.4041,
42.4532

■ 9.9893, 17.5809,
3.7980

■ 34.1055, 29.0246,
49.5947

■ 9.4155, 17.2980,
3.1872

■ 37.8443, 30.7823,
57.4355

■ 9.0230, 17.1033,
2.8257

■ 41.8857, 32.6805,
65.9939

■ 46.2363, 34.7221,
75.2876

Harmonies

Analogous

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



19.1612, 21.2397, 14.3508



17.6194, 21.2397, 16.5356



16.7910, 21.2397, 20.7053

Triad

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



17.6194, 21.2397, 16.5356



19.3236, 21.2397, 35.0721



23.9637, 21.2397, 20.2625

Complementary

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



17.6194, 21.2397, 16.5356



17.8902, 16.2328, 24.3817

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.



24.0141, 21.2397, 25.7293



17.6194, 21.2397, 16.5356



21.2502, 21.2397, 34.9025

Square

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



17.6194, 21.2397, 16.5356



17.7317, 21.2397, 31.7021



22.9942, 21.2397, 31.2703



22.8606, 21.2397, 16.2561

Rectangle

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



17.6194, 21.2397, 16.5356



16.7183, 21.2397, 24.3203



22.9942, 21.2397, 31.2703



24.1066, 21.2397, 21.9722

Sweetspot

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



17.6200, 21.2406, 16.5361



37.2723, 40.7484, 40.5492



19.6844, 20.9291, 16.3671



8.3479, 9.1570, 9.0397



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.



17.6200, 21.2406, 16.5361



30.0181, 37.3066, 26.7555



17.1385, 20.9491, 18.4700



4.7174, 5.2569, 4.9954



8.6008, 16.2938, 2.6917



0.0357, 0.0595, 0.0096

Inverse Universe

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



17.8902, 16.2328, 24.3817



30.5860, 26.7518, 43.2900



18.4911, 16.5966, 21.9684



4.7473, 4.7058, 5.8589



9.0204, 4.1843, 21.4689



0.0379, 0.0179, 0.0747

Previews

White Background



This preview shows how the XYZ color 17.6194, 21.2397, 16.5356 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 17.6194, 21.2397, 16.5356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

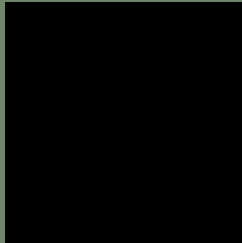
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.6194, 21.2397, 16.5356

Background



This preview shows how black text looks on a background with the XYZ color 17.6194, 21.2397, 16.5356.



This preview shows how white text looks on a background with the XYZ color 17.6194, 21.2397,

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

17.6194, 21.2397, 16.5356

Protanopia

19.9793, 21.2889, 15.6265

Deuteranopia

21.4674, 21.0916, 16.8495



Tritanopia

19.7155, 21.0843, 27.4567

Trichromacy



Original Color

17.6194, 21.2397, 16.5356

Protanomaly

19.0508, 21.1918, 15.9183

Deuteranomaly

19.8939, 21.0306, 16.6465

Tritanomaly

18.8836, 21.1424, 23.1643

Monochromacy



Original Color

17.6194, 21.2397, 16.5356

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.5460, 20.4562, 19.8006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6194, 21.2397, 16.5356 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(112, 133, 105)` looks like.

```
.text, #text, p{  
    color:rgb(112, 133, 105)  
}
```

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(112, 133, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 133, 105) }
```

Border

The CSS property to change the border of an element to XYZ 17.6194, 21.2397, 16.5356 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(112, 133, 105) }
```


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

```
.border{ border-color:rgb(112, 133, 105) }
```

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

Here you see how a box with a 4 pixel rgb(112, 133, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 133, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 133, 105);  
box-shadow:4px 4px 4px 4px rgb(112, 133,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6194, 21.2397, 16.5356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 133, 105) }
```

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

```
.background{ background-color: rgb(112,  
133, 105) }
```

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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