

Converting Colors

XYZ(17.7207, 19.2384, 21.4755)

Have a look what the booklet for
XYZ(17.7207, 19.2384, 21.4755)
contains.

XYZ(17.7283, 19.2408, 21.5184)	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(17.7283, 19.2408,
21.5184)**

Conversions

Conversions Part 1

Format	Color
Hex	737B7B
RGB	115, 123, 123
RGB Percent	45%, 48%, 48%
CMY	0.5490, 0.5176, 0.5176
CMYK	0.07, 0.00, 0.00, 0.52
HSL	180°, 3%, 47%
HSV	180°, 7%, 48%
XYZ	17.7283, 19.2408, 21.5184
YIQ	120.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

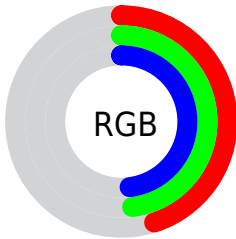
Format	Color
R_{YB}	115, 119, 123
Decimal	7568251
CIE _{Lab}	50.97, -2.97, -1.03
CIE _{LCh}	51, 3.149, 199.187
Yxy	19.2408, 0.3031, 0.3290
Android (android.graphics.Color)	4285758331 (0xFF737B7B)
YUV	120.6080, 1.1793, -4.9182
Hunter-Lab	43.8643, -4.6197, 1.6193

Details

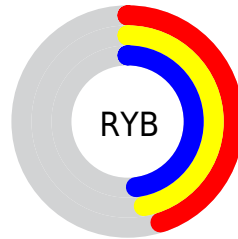
The XYZ color **17.7283, 19.2408, 21.5184** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3943, 17.7106, 18.7221**, and the grayscale version is **18.0454, 18.9852, 20.6749**.

A 20% lighter version of the original color is **39.0042, 41.9706, 46.6028**, and **5.9995, 6.5853, 7.4334** is the 20% darker color. If you saturate the color by 10%, you get **16.2176, 18.4625, 21.4471**, and if you desaturate by 10%, it is **19.4560, 20.1320, 21.6006**.

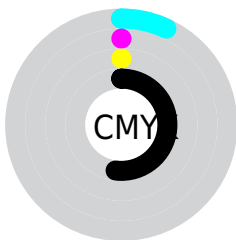
Distribution



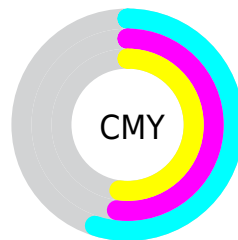
- Red (45%)
- Green (48%)
- Blue (48%)



- Red (45%)
- Yellow (47%)
- Blue (48%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (52%)



- Cyan (55%)
- Magenta (52%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7283, 19.2408, 21.5184 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 17.7283, 19.2408, 21.5184 by changing the saturation by 10% instead.

■ 17.7283, 19.2408,
21.5184

■ 17.7283, 19.2408,
21.5184

232.4104,
247.7749, 272.8918

■ 10.8536, 11.8444,
13.3085

■ 39.1075, 42.1406,
46.8407

■ 6.0350, 6.6378,
7.5081

■ 54.3428, 58.4128,
64.7901

■ 2.9073, 3.2366,
3.6986

■ 73.0956, 78.4124,
86.8232

■ 1.1049, 1.2565,
1.4615

■ 95.7313, 102.5237,
113.3584

■ 0.0292, 0.1071,
0.1890

122.6153,
131.1313, 144.8144

■ 0.0000, 0.0000,
0.0000

154.1129,

164.6194, 181.6096

190.5895,
203.3725, 224.1625

■ 17.7283, 19.2408,
21.5184

■ 17.7283, 19.2408,
21.5184

■ 16.2176, 18.4625,
21.4471

■ 19.4560, 20.1320,
21.6006

■ 14.9136, 17.7904,
21.3852

■ 21.4070, 21.1377,
21.6929

■ 13.8080, 17.2204,
21.3324

■ 23.5896, 22.2629,
21.7960

■ 12.8911, 16.7477,
21.2886

■ 26.0108, 23.5110,
21.9103

■ 12.1522, 16.3668,
21.2530

■ 28.6777, 24.8858,
22.0360

■ 11.5798, 16.0718,
21.2253

■ 31.5969, 26.3907,
22.1736

■ 11.1611, 15.8560,
21.2047

■ 34.7748, 28.0290,
22.3233

■ 10.8811, 15.7116,
21.1907

■ 38.2176, 29.8038,
22.4854

■ 10.7107, 15.6238,
21.1817

■ 41.9312, 31.7182,
22.6601

Harmonies

Analogous

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



17.7062, 19.2408, 20.6300



17.7283, 19.2408, 21.5184



17.8994, 19.2408, 22.2743

Triad

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



17.7283, 19.2408, 21.5184



18.7446, 19.2408, 22.0905



18.4003, 19.2408, 19.3109

Complementary

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



17.7283, 19.2408, 21.5184



17.3943, 17.7106, 18.7221

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.



18.6818, 19.2408, 19.6792



17.7283, 19.2408, 21.5184



18.8821, 19.2408, 21.2732

Square

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



17.7283, 19.2408, 21.5184



18.4852, 19.2408, 22.6110



18.8590, 19.2408, 20.3916



18.0918, 19.2408, 19.3723

Rectangle

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



17.7283, 19.2408, 21.5184



18.0759, 19.2408, 22.5935



18.8590, 19.2408, 20.3916



18.5013, 19.2408, 19.3881

Sweetspot

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



17.7288, 19.2416, 21.5188



33.0760, 35.1406, 38.5958



17.2657, 19.0584, 18.9885



7.8006, 8.2816, 9.0904



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.



17.7288, 19.2416, 21.5188



31.2619, 34.2054, 38.5098



17.2586, 18.3009, 21.3627



4.1070, 4.5124, 5.0975



11.0239, 16.1332, 21.9083



52.5844, 76.9568, 104.5021

Inverse Universe

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



17.3943, 17.7106, 18.7221



30.5153, 30.7891, 32.2690



17.8445, 18.6113, 18.8717



3.9983, 4.0151, 4.1889



8.4503, 4.3563, 0.3963



40.3084, 20.7797, 1.8881

Previews

White Background



This preview shows how the XYZ color 17.7283, 19.2408, 21.5184 looks on a white background.

Color Contrast Check

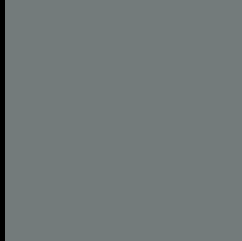
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7283, 19.2408, 21.5184 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

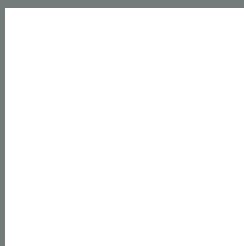
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.7283, 19.2408, 21.5184

Background



This preview shows how black text looks on a background with the XYZ color 17.7283, 19.2408, 21.5184.



This preview shows how white text looks on a background with the XYZ color 17.7283, 19.2408,

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

17.7283, 19.2408, 21.5184

Protanopia

18.5186, 19.2908, 21.1598

Deuteranopia

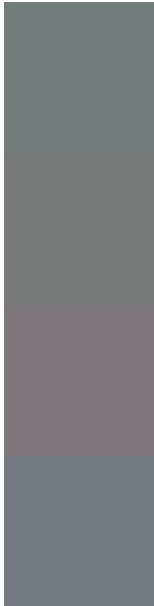
19.6322, 19.3176, 21.7627



Tritanopia

18.2587, 19.2708, 24.2300

Trichromacy



Original Color

17.7283, 19.2408, 21.5184

Protanomaly

18.2181, 19.3173, 21.1808

Deuteranomaly

18.9587, 19.3238, 21.7994

Tritanomaly

18.0583, 19.1906, 23.1745

Monochromacy



Original Color

17.7283, 19.2408, 21.5184

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.0801, 19.2461, 21.1743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7283, 19.2408, 21.5184 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, 123, 123)` looks like.

```
.text, #text, p{  
    color:rgb(115, 123, 123)  
}
```

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, 123, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 123, 123) }
```

Border

The CSS property to change the border of an element to XYZ 17.7283, 19.2408, 21.5184 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, 123, 123) }
```


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

```
.border{ border-color:rgb(115, 123, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 123, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 123, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 123, 123);  
box-shadow:4px 4px 4px 4px rgb(115, 123,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7283, 19.2408, 21.5184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 123, 123) }
```

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

```
.background{ background-color: rgb(115,  
123, 123) }
```

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