

Converting Colors

XYZ(19.8397, 18.4187, 17.7482)

Have a look what the booklet for
XYZ(19.8397, 18.4187, 17.7482)
contains.

XYZ(19.8741, 18.5090, 17.8543)	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(19.8741, 18.5090,
17.8543)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7070
RGB	142, 112, 112
RGB Percent	56%, 44%, 44%
CMY	0.4431, 0.5608, 0.5608
CMYK	0.00, 0.21, 0.21, 0.44
HSL	0°, 12%, 50%
HSV	0°, 21%, 56%
XYZ	19.8741, 18.5090, 17.8543
YIQ	120.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

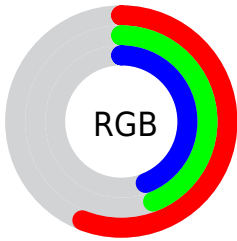
Format	Color
R_{YB}	142, 112, 112
Decimal	9334896
CIE _{Lab}	50.11, 11.82, 4.51
CIE _{LCh}	50, 12.654, 20.880
Yxy	18.5090, 0.3534, 0.3291
Android (android.graphics.Color)	4287524976 (0xFF8E7070)
YUV	120.9700, -4.4222, 18.4433
Hunter-Lab	43.0221, 7.1696, 5.5099

Details

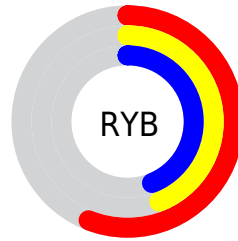
The XYZ color **19.8741, 18.5090, 17.8543** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.2372, 24.7429, 29.2478**, and the grayscale version is **18.1745, 19.1210, 20.8227**.

A 20% lighter version of the original color is **42.7412, 40.9670, 40.7767**, and **7.0732, 6.2611, 5.6862** is the 20% darker color. If you saturate the color by 10%, you get **17.7000, 15.3278, 13.5317**, and if you desaturate by 10%, it is **22.4210, 22.2358, 22.9169**.

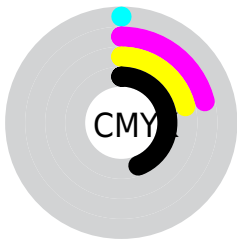
Distribution



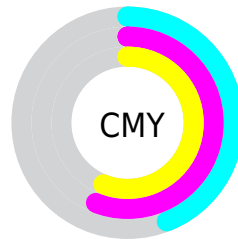
- Red (56%)
- Green (44%)
- Blue (44%)



- Red (56%)
- Yellow (44%)
- Blue (44%)



- Cyan (0%)
- Magenta (21%)
- Yellow (21%)
- Black (44%)



- Cyan (44%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8741, 18.5090, 17.8543 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 19.8741, 18.5090, 17.8543 by changing the saturation by 10% instead.

■ 19.8741, 18.5090,
17.8543

■ 19.8741, 18.5090,
17.8543

244.0793,
243.7246, 252.2570

■ 12.4113, 11.3160,
10.6771

■ 42.7116, 40.9028,
40.5995

■ 7.0986, 6.2798,
5.7387

■ 58.8169, 56.8723,
57.0045

■ 3.5707, 3.0160,
2.6206

■ 78.5338, 76.5363,
77.3226

■ 1.4623, 1.1401,
0.9031

■ 102.2277,
100.2789, 101.9722

■ 0.2999, 0.0119,
0.0000

130.2638,
128.4847, 131.3719

■ 0.0000, 0.0000,
0.0000

163.0075,

161.5379, 165.9402

200.8242,
199.8231, 206.0958

■ 19.8741, 18.5090,
17.8543

■ 19.8741, 18.5090,
17.8543

■ 17.7000, 15.3278,
13.5317

■ 22.4210, 22.2358,
22.9169

■ 15.8799, 12.6644,
9.9132

■ 25.3553, 26.5296,
28.7505

■ 14.3953, 10.4921,
6.9621

■ 28.6930, 31.4135,
35.3859

■ 13.2259, 8.7809,
4.6375

■ 32.4485, 36.9087,
42.8520

■ 12.3489, 7.4975,
2.8942

■ 36.6354, 43.0352,
51.1759

■ 11.7385, 6.6043,
1.6809

■ 41.2670, 49.8123,
60.3837

■ 11.3645, 6.0569,
0.9375

■ 46.3557, 57.2583,
70.5005

■ 11.1555, 5.7511,
0.5221

■ 51.9136, 65.3909,
81.5502

■ 57.9524, 74.2271,
93.5558

Harmonies

Analogous

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



20.0092, 18.5090, 21.2359



19.8741, 18.5090, 17.8543



19.1128, 18.5090, 15.3814

Triad

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



19.8741, 18.5090, 17.8543



15.8359, 18.5090, 16.2079



17.2234, 18.5090, 27.5333

Complementary

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



19.8741, 18.5090, 17.8543



21.2372, 24.7429, 29.2478

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.



16.1546, 18.5090, 25.8219



19.8741, 18.5090, 17.8543



15.3782, 18.5090, 19.1079

Square

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



19.8741, 18.5090, 17.8543



16.7701, 18.5090, 14.5099



15.4921, 18.5090, 22.6413



18.4408, 18.5090, 27.0974

Rectangle

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



19.8741, 18.5090, 17.8543



18.3711, 18.5090, 14.4533



15.4921, 18.5090, 22.6413



16.8357, 18.5090, 27.1834

Sweetspot

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



19.8746, 18.5098, 17.8547



42.0382, 42.8703, 45.3836



21.8321, 19.2923, 28.1643



9.3263, 9.4830, 10.0113



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.8746, 18.5098, 17.8547



33.2834, 30.0597, 27.9789



21.6694, 22.0995, 18.4530



5.4089, 5.4242, 5.6513



10.0160, 5.1637, 0.4688



0.0958, 0.0494, 0.0045

Inverse Universe

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



21.2372, 24.7429, 29.2478



36.0980, 42.9347, 51.5125



19.1541, 20.5766, 28.5534



5.5602, 6.1162, 6.9163



13.0667, 19.1194, 25.9788



0.1249, 0.1828, 0.2484

Previews

White Background



This preview shows how the XYZ color 19.8741, 18.5090, 17.8543 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 19.8741, 18.5090, 17.8543 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 19.8741, 18.5090, 17.8543

Background



This preview shows how black text looks on a background with the XYZ color 19.8741, 18.5090, 17.8543.



This preview shows how white text looks on a background with the XYZ color 19.8741, 18.5090,

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

19.8741, 18.5090, 17.8543

Protanopia

17.7753, 18.5922, 19.1748

Deuteranopia

18.8315, 18.4775, 17.6129



Tritanopia

20.3419, 18.5404, 19.9593

Trichromacy



Original Color

19.8741, 18.5090, 17.8543

Protanomaly

18.3932, 18.3957, 18.8010

Deuteranomaly

19.2031, 18.5007, 17.5978

Tritanomaly

20.1645, 18.4695, 19.0252

Monochromacy



Original Color

19.8741, 18.5090, 17.8543

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.8017, 18.9320, 19.8028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8741, 18.5090, 17.8543 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(142, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(142, 112, 112)  
}
```

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(142, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 112, 112) }
```

Border

The CSS property to change the border of an element to XYZ 19.8741, 18.5090, 17.8543 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(142, 112, 112) }
```


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

```
.border{ border-color:rgb(142, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(142, 112,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8741, 18.5090, 17.8543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 112, 112) }
```

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

```
.background{ background-color: rgb(142,  
112, 112) }
```

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