

Converting Colors

XYZ(19.4937, 19.5201, 23.7154)

Have a look what the booklet for
XYZ(19.4937, 19.5201, 23.7154)
contains.

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Color

**XYZ(19.4981, 19.5567,
23.8662)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7882
RGB	127, 120, 130
RGB Percent	50%, 47%, 51%
CMY	0.5020, 0.5294, 0.4902
CMYK	0.02, 0.08, 0.00, 0.49
HSL	282°, 4%, 49%
HSV	282°, 8%, 51%
XYZ	19.4981, 19.5567, 23.8662
YIQ	123.2330, 0.9620, 4.5940

Conversions

Conversions Part 2

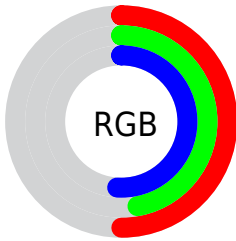
Format	Color
R_{YB}	127, 120, 130
Decimal	8353922
CIE Lab	51.33, 4.66, -4.50
CIE LCh	51, 6.477, 316.020
Yxy	19.5567, 0.3099, 0.3108
Android (android.graphics.Color)	4286544002 (0xFF7F7882)
YUV	123.2330, 3.3361, 3.3037
Hunter-Lab	44.2230, 1.3113, -1.0415

Details

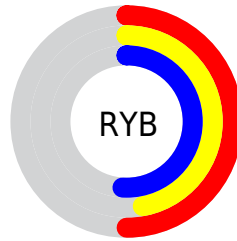
The XYZ color **19.4981, 19.5567, 23.8662** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.5420, 21.5328, 20.8966**, and the grayscale version is **18.8932, 19.8772, 21.6462**.

A 20% lighter version of the original color is **42.1222, 42.6272, 50.8075**, and **6.9445, 6.8485, 8.7405** is the 20% darker color. If you saturate the color by 10%, you get **17.4700, 16.3461, 23.3537**, and if you desaturate by 10%, it is **21.7622, 23.2052, 24.4514**.

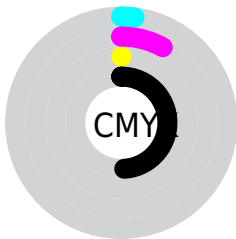
Distribution



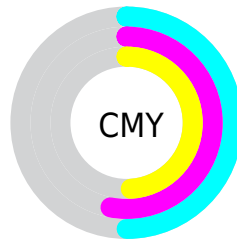
- Red (50%)
- Green (47%)
- Blue (51%)



- Red (50%)
- Yellow (47%)
- Blue (51%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4981, 19.5567, 23.8662 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 19.4981, 19.5567, 23.8662 by changing the saturation by 10% instead.

■ 19.4981, 19.5567,
23.8662

■ 19.4981, 19.5567,
23.8662

242.0706,
249.5051, 285.4081

■ 12.1369, 12.0732,
15.0231

■ 42.0845, 42.6727,
50.7529

■ 6.9098, 6.7936,
8.6888

■ 58.0404, 59.0740,
69.6335

■ 3.4516, 3.3333,
4.4447

■ 77.5918, 79.2167,
92.6971

■ 1.3968, 1.3081,
1.8724

101.1043,
103.4852, 120.3622

■ 0.2540, 0.1475,
0.4751

128.9430,
132.2639, 153.0473

■ 0.0000, 0.0000,
0.0000

161.4734,

165.9372, 191.1709

199.0608,
204.8894, 235.1517

■ 19.4981, 19.5567,
23.8662

■ 19.4981, 19.5567,
23.8662

■ 17.4700, 16.3461,
23.3537

■ 21.7622, 23.2052,
24.4514

■ 15.6673, 13.5537,
22.9097

■ 24.2687, 27.3051,
25.1107

■ 14.0813, 11.1621,
22.5317

■ 27.0262, 31.8727,
25.8470

■ 12.7021, 9.1516,
22.2163

■ 30.0420, 36.9226,
26.6627

■ 11.5187, 7.5009,
21.9601

■ 33.3233, 42.4687,
27.5603

10.5192, 6.1867,
21.7591

36.8771, 48.5244,
28.5418

9.6903, 5.1824,
21.6089

40.7098, 55.1025,
29.6095

9.0166, 4.4579,
21.5046

44.8279, 62.2155,
30.7655

8.4646, 3.9466,
21.4350

49.2375, 69.8754,
32.0115

Harmonies

Analogous

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



18.9337, 19.5567, 24.9069



19.4981, 19.5567, 23.8662



19.8221, 19.5567, 22.1667

Triad

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



19.4981, 19.5567, 23.8662



18.8903, 19.5567, 18.0190



17.4173, 19.5567, 22.2928

Complementary

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



19.4981, 19.5567, 23.8662



19.5420, 21.5328, 20.8966

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.



17.4063, 19.5567, 20.4444



19.4981, 19.5567, 23.8662



18.2467, 19.5567, 18.0484

Square

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



19.4981, 19.5567, 23.8662



19.4658, 19.5567, 18.8306



17.7068, 19.5567, 18.9134



17.7371, 19.5567, 23.9632

Rectangle

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



19.4981, 19.5567, 23.8662



19.8535, 19.5567, 20.9223



17.7068, 19.5567, 18.9134



17.3776, 19.5567, 21.6699

Sweetspot

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



19.4987, 19.5575, 23.8666



36.5368, 37.9719, 42.5961



18.8795, 19.8130, 23.9486



8.2832, 8.6162, 9.6449



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



19.4987, 19.5575, 23.8666



33.7714, 33.5374, 41.8859



19.8302, 19.7426, 23.2456



4.3764, 4.3497, 5.4222



8.0062, 3.6811, 20.5385



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.4983, 19.6098, 21.4974



33.7743, 33.6486, 36.9266



19.2316, 21.3598, 21.4684



4.3768, 4.3639, 4.7886



9.1811, 4.6921, 2.2777



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.4981, 19.5567, 23.8662 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 19.4981, 19.5567, 23.8662 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 19.4981, 19.5567, 23.8662

Background



This preview shows how black text looks on a background with the XYZ color 19.4981, 19.5567, 23.8662.

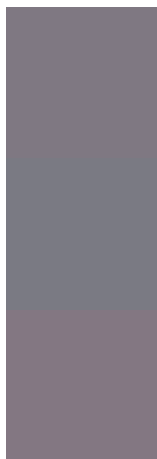


This preview shows how white text looks on a background with the XYZ color 19.4981, 19.5567,

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

19.4981, 19.5567, 23.8662

Protanopia

19.0823, 19.6953, 24.2686

Deuteranopia

19.9862, 19.6307, 23.8548



Tritanopia

19.4981, 19.5567, 23.8662

Trichromacy



Original Color

19.4981, 19.5567, 23.8662

Protanomaly

19.2463, 19.5985, 24.2412

Deuteranomaly

19.8320, 19.5512, 23.8476

Tritanomaly

19.4981, 19.5567, 23.8662

Monochromacy



Original Color

19.4981, 19.5567, 23.8662

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.0376, 19.7105, 22.5398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4981, 19.5567, 23.8662 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(127, 120, 130)` looks like.

```
.text, #text, p{  
    color:rgb(127, 120, 130)  
}
```

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(127, 120, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 120, 130) }
```

Border

The CSS property to change the border of an element to XYZ 19.4981, 19.5567, 23.8662 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(127, 120, 130) }
```


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

```
.border{ border-color:rgb(127, 120, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 120, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 120, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 120, 130);  
box-shadow:4px 4px 4px 4px rgb(127, 120,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4981, 19.5567, 23.8662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 120, 130) }
```

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

```
.background{ background-color: rgb(127,  
120, 130) }
```

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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