

Converting Colors

XYZ(19.6538, 18.6181, 22.8321)

Have a look what the booklet for
XYZ(19.6538, 18.6181, 22.8321)
contains.

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Color

**XYZ(19.7451, 18.6615,
22.9834)**

Conversions

Conversions Part 1

Format	Color
Hex	867280
RGB	134, 114, 128
RGB Percent	53%, 45%, 50%
CMY	0.4745, 0.5529, 0.4980
CMYK	0.00, 0.15, 0.04, 0.47
HSL	318°, 8%, 49%
HSV	318°, 15%, 53%
XYZ	19.7451, 18.6615, 22.9834
YIQ	121.5760, 7.4260, 8.5940

Conversions

Conversions Part 2

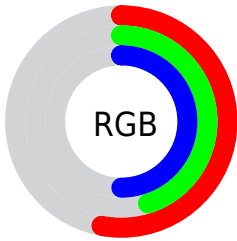
Format	Color
R_{YB}	134, 114, 128
Decimal	8811136
CIE _{Lab}	50.29, 10.40, -4.79
CIE _{LCh}	50, 11.450, 335.261
Yxy	18.6615, 0.3216, 0.3040
Android (android.graphics.Color)	4287001216 (0xFF867280)
YUV	121.5760, 3.1670, 10.8958
Hunter-Lab	43.1990, 5.9894, -1.3051

Details

The XYZ color **19.7451, 18.6615, 22.9834** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.8554, 21.9841, 21.0199**, and the grayscale version is **18.3494, 19.3050, 21.0231**.

A 20% lighter version of the original color is **42.4702, 41.1734, 49.4249**, and **7.0157, 6.3458, 8.2522** is the 20% darker color. If you saturate the color by 10%, you get **18.0837, 15.7536, 21.1499**, and if you desaturate by 10%, it is **21.6395, 22.0181, 24.9468**.

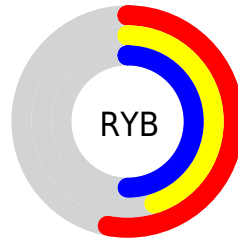
Distribution



Red (53%)

Green (45%)

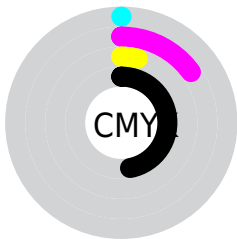
Blue (50%)



Red (53%)

Yellow (45%)

Blue (50%)

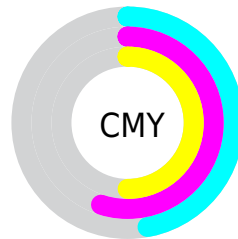


Cyan (0%)

Magenta (15%)

Yellow (4%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7451, 18.6615, 22.9834 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 19.7451, 18.6615, 22.9834 by changing the saturation by 10% instead.

■ 19.7451, 18.6615,
22.9834

■ 19.7451, 18.6615,
22.9834

243.3918,
244.5736, 280.7589

■ 12.3171, 11.4259,
14.3761

■ 42.4966, 41.1613,
49.2889

■ 7.0337, 6.3541,
8.2410

■ 58.5508, 57.1944,
67.8242

■ 3.5297, 3.0616,
4.1595

■ 78.2112, 76.9287,
90.5058

■ 1.4397, 1.1640,
1.7133

■ 101.8429,
100.7488, 117.7524

■ 0.2842, 0.0320,
0.3698

129.8115,
129.0389, 149.9825

■ 0.0000, 0.0000,
0.0000

162.4823,

162.1835, 187.6145

200.2206,
200.5669, 231.0672

■ 19.7451, 18.6615,
22.9834

■ 19.7451, 18.6615,
22.9834

■ 18.0837, 15.7536,
21.1499

■ 21.6395, 22.0181,
24.9468

■ 16.6440, 13.2728,
19.4412

■ 23.7744, 25.8390,
27.0425

■ 15.4161, 11.1992,
17.8536

■ 26.1591, 30.1421,
29.2743

■ 14.3888, 9.5105,
16.3828

■ 28.8016, 34.9437,
31.6455

■ 13.5496, 8.1822,
15.0241

■ 31.7097, 40.2590,
34.1593

■ 12.8848, 7.1869,
13.7722

■ 34.8910, 46.1030,
36.8188

■ 12.3787, 6.4932,
12.6212

■ 38.3527, 52.4897,
39.6267

■ 12.0093, 6.0576,
11.5632

■ 42.1015, 59.4329,
42.5861

■ 11.8428, 5.8729,
11.0510

■ 46.1443, 66.9456,
45.6995

Harmonies

Analogous

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



18.9968, 18.6615, 25.7245



19.7451, 18.6615, 22.9834



19.9463, 18.6615, 19.7644

Triad

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



19.7451, 18.6615, 22.9834



17.5424, 18.6615, 14.8247



16.0525, 18.6615, 24.0524

Complementary

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



19.7451, 18.6615, 22.9834



18.8554, 21.9841, 21.0199

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.



15.6975, 18.6615, 20.8843



19.7451, 18.6615, 22.9834



16.5345, 18.6615, 15.7297

Square

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



19.7451, 18.6615, 22.9834



18.6446, 18.6615, 15.2623



15.8702, 18.6615, 17.8693



16.8597, 18.6615, 26.3853

Rectangle

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



19.7451, 18.6615, 22.9834



19.7363, 18.6615, 17.8231



15.8702, 18.6615, 17.8693



15.8779, 18.6615, 23.0381

Sweetspot

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



19.7456, 18.6623, 22.9838



38.4240, 39.3238, 44.2528



18.0669, 17.7499, 25.0283



8.6030, 8.7639, 9.9159



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.



19.7456, 18.6623, 22.9838



33.7272, 31.0135, 39.3472



19.1195, 18.4119, 19.6866



4.7999, 4.7397, 5.5588



11.1032, 5.5056, 10.3818



0.0417, 0.0204, 0.0530

Inverse Universe

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



19.7456, 18.6623, 22.9838



33.7272, 31.0135, 39.3472



19.4944, 22.2397, 24.3847



4.7999, 4.7397, 5.5588



11.1032, 5.5056, 10.3818



0.0417, 0.0204, 0.0530

Previews

White Background



This preview shows how the XYZ color 19.7451, 18.6615, 22.9834 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 19.7451, 18.6615, 22.9834 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 19.7451, 18.6615, 22.9834

Background



This preview shows how black text looks on a background with the XYZ color 19.7451, 18.6615, 22.9834.

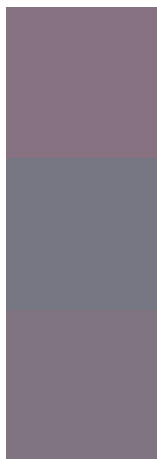


This preview shows how white text looks on a background with the XYZ color 19.7451, 18.6615,

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

19.7451, 18.6615, 22.9834

Protanopia

18.3013, 18.7543, 24.1281

Deuteranopia

19.0438, 18.6385, 23.0159



Tritanopia

19.4417, 18.7032, 21.6542

Trichromacy



Original Color

19.7451, 18.6615, 22.9834

Protanomaly

18.7027, 18.6194, 23.7273

Deuteranomaly

19.2329, 18.5658, 22.9919

Tritanomaly

19.5053, 18.7287, 21.9890

Monochromacy



Original Color

19.7451, 18.6615, 22.9834

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.8391, 19.0845, 21.7595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7451, 18.6615, 22.9834 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(134, 114, 128)` looks like.

```
.text, #text, p{  
    color:rgb(134, 114, 128)  
}
```

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(134, 114, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 114, 128) }
```

Border

The CSS property to change the border of an element to XYZ 19.7451, 18.6615, 22.9834 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(134, 114, 128) }
```


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

```
.border{ border-color:rgb(134, 114, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 114, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 114, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 114, 128);  
box-shadow:4px 4px 4px 4px rgb(134, 114,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7451, 18.6615, 22.9834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 114, 128) }
```

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

```
.background{ background-color: rgb(134,  
114, 128) }
```

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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