

Converting Colors

XYZ(19.8626, 19.6880, 23.5870)

Have a look what the booklet for
XYZ(19.8626, 19.6880, 23.5870)
contains.

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Color

**XYZ(19.8848, 19.7637,
23.5356)**

Conversions

Conversions Part 1

Format	Color
Hex	827881
RGB	130, 120, 129
RGB Percent	51%, 47%, 51%
CMY	0.4902, 0.5294, 0.4941
CMYK	0.00, 0.08, 0.01, 0.49
HSL	306°, 4%, 49%
HSV	306°, 8%, 51%
XYZ	19.8848, 19.7637, 23.5356
YIQ	124.0160, 3.0710, 4.9190

Conversions

Conversions Part 2

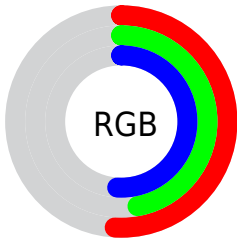
Format	Color
R_{YB}	130, 120, 129
Decimal	8550529
CIE _{Lab}	51.57, 5.58, -3.53
CIE _{LCh}	52, 6.601, 327.667
Yxy	19.7637, 0.3147, 0.3128
Android (android.graphics.Color)	4286740609 (0xFF827881)
YUV	124.0160, 2.4571, 5.2480
Hunter-Lab	44.4564, 2.0422, -0.2692

Details

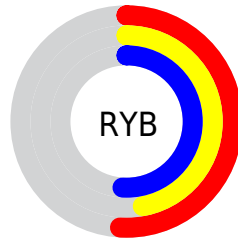
The XYZ color **19.8848, 19.7637, 23.5356** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.1803, 21.3393, 21.1981**, and the grayscale version is **19.1553, 20.1529, 21.9465**.

A 20% lighter version of the original color is **42.7245, 42.9497, 50.2943**, and **7.1587, 6.9632, 8.5562** is the 20% darker color. If you saturate the color by 10%, you get **18.3406, 16.8125, 22.5974**, and if you desaturate by 10%, it is **21.6435, 23.1416, 24.5512**.

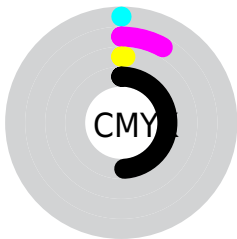
Distribution



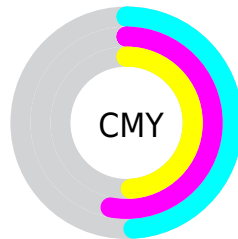
- Red (51%)
- Green (47%)
- Blue (51%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8848, 19.7637, 23.5356 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 19.8848, 19.7637, 23.5356 by changing the saturation by 10% instead.

■ 19.8848, 19.7637,
23.5356

■ 19.8848, 19.7637,
23.5356

244.1363,
250.6330, 283.6747

■ 12.4191, 12.2234,
14.7805

■ 42.7294, 43.0207,
50.2056

■ 7.1040, 6.8960,
8.5206

■ 58.8390, 59.5061,
68.9575

■ 3.5741, 3.3971,
4.3373

■ 78.5606, 79.7420,
91.8789

■ 1.4642, 1.3424,
1.8121

102.2596,
104.1129, 119.3881

■ 0.3012, 0.1737,
0.4360

130.3013,
133.0030, 151.9037

■ 0.0000, 0.0000,
0.0000

163.0510,

166.7968, 189.8443

200.8742,
205.8787, 233.6285

■ 19.8848, 19.7637,
23.5356

■ 19.8848, 19.7637,
23.5356

■ 18.3406, 16.8125,
22.5974

■ 21.6435, 23.1416,
24.5512

■ 17.0008, 14.2685,
21.7324

■ 23.6230, 26.9597,
25.6457

■ 15.8567, 12.1144,
20.9382

■ 25.8316, 31.2340,
26.8219

■ 14.8988, 10.3306,
20.2113

■ 28.2764, 35.9791,
28.0824

■ 14.1163, 8.8961,
19.5482

■ 30.9643, 41.2087,
29.4295

■ 13.4975, 7.7874,
18.9451

■ 33.9021, 46.9361,
30.8653

■ 13.0295, 6.9784,
18.3975

■ 37.0960, 53.1741,
32.3921

■ 12.6971, 6.4388,
17.9004

■ 40.5523, 59.9350,
34.0119

■ 12.4671, 6.1025,
17.4427

■ 44.2769, 67.2306,
35.7267

Harmonies

Analogous

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



19.3841, 19.7637, 24.9243



19.8848, 19.7637, 23.5356



20.0901, 19.7637, 21.6686

Triad

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



19.8848, 19.7637, 23.5356



18.8369, 19.7637, 18.0675



17.6762, 19.7637, 23.2628

Complementary

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



19.8848, 19.7637, 23.5356



19.1803, 21.3393, 21.1981

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.



17.5373, 19.7637, 21.3707



19.8848, 19.7637, 23.5356



18.1980, 19.7637, 18.4395

Square

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



19.8848, 19.7637, 23.5356



19.4762, 19.7637, 18.5742



17.7261, 19.7637, 19.6216



18.1099, 19.7637, 24.7604

Rectangle

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



19.8848, 19.7637, 23.5356



20.0283, 19.7637, 20.4282



17.7261, 19.7637, 19.6216



17.5939, 19.7637, 22.6486

Sweetspot

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



19.8854, 19.7646, 23.5360



36.7201, 38.0700, 42.4408



18.6317, 19.1105, 23.8261



8.3217, 8.6368, 9.6122



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.



19.8854, 19.7646, 23.5360



34.5839, 33.9725, 41.1897



19.5611, 19.6348, 21.8284



4.4802, 4.4052, 5.3333



11.9071, 5.7825, 16.6323



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.8854, 19.7646, 23.5360



34.5839, 33.9725, 41.1897



19.4949, 21.4651, 22.8549



4.4802, 4.4052, 5.3333



11.9071, 5.7825, 16.6323



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.8848, 19.7637, 23.5356 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 19.8848, 19.7637, 23.5356 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 19.8848, 19.7637, 23.5356

Background



This preview shows how black text looks on a background with the XYZ color 19.8848, 19.7637, 23.5356.



This preview shows how white text looks on a background with the XYZ color 19.8848, 19.7637,

23.5356.

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

19.8848, 19.7637, 23.5356

Protanopia

19.1572, 19.7417, 23.9199

Deuteranopia

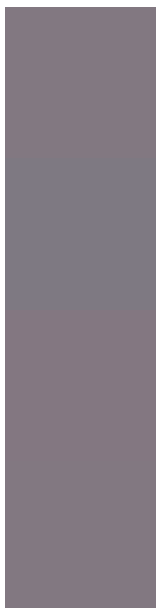
20.0750, 19.6842, 23.5102



Tritanopia

19.8848, 19.7637, 23.5356

Trichromacy



Original Color

19.8848, 19.7637, 23.5356

Protanomaly

19.4708, 19.7221, 23.8996

Deuteranomaly

19.9193, 19.6039, 23.5030

Tritanomaly

19.8848, 19.7637, 23.5356

Monochromacy



Original Color

19.8848, 19.7637, 23.5356

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.4530, 20.1079, 22.5946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8848, 19.7637, 23.5356 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(130, 120, 129)` looks like.

```
.text, #text, p{  
    color:rgb(130, 120, 129)  
}
```

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(130, 120, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 120, 129) }
```

Border

The CSS property to change the border of an element to XYZ 19.8848, 19.7637, 23.5356 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(130, 120, 129) }
```


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

```
.border{ border-color:rgb(130, 120, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 120, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 120, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 120, 129); box-shadow:4px 4px 4px 4px rgb(130, 120, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8848, 19.7637, 23.5356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 120, 129) }
```

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

```
.background{ background-color: rgb(130,  
120, 129) }
```

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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