

Converting Colors

XYZ(19.8179, 20.5586, 19.1434)

Have a look what the booklet for
XYZ(19.8179, 20.5586, 19.1434)
contains.

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Color

**XYZ(19.8179, 20.5586,
19.1434)**

Conversions

Conversions Part 1

Format	Color
Hex	847C73
RGB	132, 124, 115
RGB Percent	52%, 49%, 45%
CMY	0.4823, 0.5137, 0.5490
CMYK	0.00, 0.06, 0.13, 0.48
HSL	32°, 7%, 48%
HSV	32°, 13%, 52%
XYZ	19.8179, 20.5586, 19.1434
YIQ	125.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

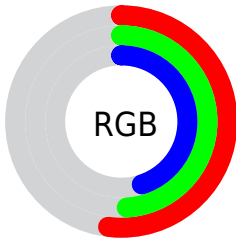
Format	Color
R_{YB}	130, 132, 115
Decimal	8682611
CIE _{Lab}	52.46, 1.39, 6.00
CIE _{LCh}	52, 6.156, 76.944
Yxy	20.5586, 0.3330, 0.3454
Android (android.graphics.Color)	4286872691 (0xFF847C73)
YUV	125.3660, -5.1104, 5.8180
Hunter-Lab	45.3416, -1.3290, 6.7066

Details

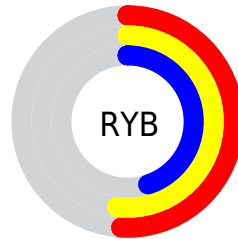
The XYZ color **19.8179, 20.5586, 19.1434** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.3181, 19.4765, 24.6240**, and the grayscale version is **19.6317, 20.6541, 22.4923**.

A 20% lighter version of the original color is **42.5080, 44.1550, 42.8416**, and **7.0089, 7.2312, 6.3366** is the 20% darker color. If you saturate the color by 10%, you get **18.3583, 18.7691, 15.1739**, and if you desaturate by 10%, it is **21.4364, 22.4915, 23.7031**.

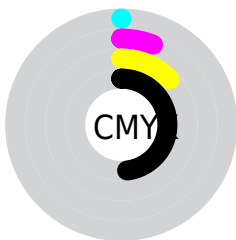
Distribution



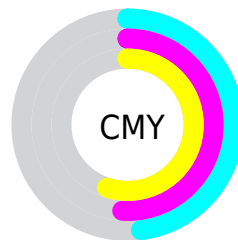
- Red (52%)
- Green (49%)
- Blue (45%)



- Red (51%)
- Yellow (52%)
- Blue (45%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8179, 20.5586, 19.1434 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 19.8179, 20.5586, 19.1434 by changing the saturation by 10% instead.

■ 19.8179, 20.5586,
19.1434

■ 19.8179, 20.5586,
19.1434

243.7800,
254.9233, 259.6883

■ 12.3702, 12.8017,
11.5961

■ 42.6179, 44.3518,
42.8162

■ 7.0703, 7.2922,
6.3501

■ 58.7010, 61.1568,
59.7787

■ 3.5529, 3.6455,
2.9869

■ 78.3933, 81.7468,
80.7168

■ 1.4524, 1.4773,
1.0879

102.0601,
106.5060, 106.0489

■ 0.2931, 0.2727,
0.0000

130.0669,
135.8189, 136.1935

■ 0.0000, 0.0000,
0.0000

162.7788,

170.0698, 171.5693

200.5614,
209.6431, 212.5947

■ 19.8179, 20.5586,
19.1434

■ 19.8179, 20.5586,
19.1434

■ 18.3583, 18.7691,
15.1739

■ 21.4364, 22.4915,
23.7031

■ 17.0505, 17.1167,
11.7688

■ 23.2174, 24.5685,
28.8746

■ 15.8892, 15.5983,
8.9021

■ 25.1663, 26.7939,
34.6804

■ 14.8681, 14.2101,
6.5456

■ 27.2880, 29.1708,
41.1412

■ 13.9804, 12.9477,
4.6681

■ 29.5868, 31.7025,
48.2767

■ 13.2186, 11.8065,
3.2353

■ 32.0672, 34.3918,
56.1059

■ 12.5743, 10.7814,
2.2081

■ 34.7333, 37.2417,
64.6470

■ 12.0377, 9.8669,
1.5400

■ 37.5891, 40.2551,
73.9176

■ 11.6997, 9.2733,
1.1733

■ 40.6386, 43.4346,
83.9346

Harmonies

Analogous

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



20.3872, 20.5586, 19.9220



19.8179, 20.5586, 19.1434



19.1861, 20.5586, 19.1989

Triad

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



19.8179, 20.5586, 19.1434



18.3937, 20.5586, 23.4211



20.4476, 20.5586, 24.8621

Complementary

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



19.8179, 20.5586, 19.1434



18.3181, 19.4765, 24.6240

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.



19.8989, 20.5586, 25.9051



19.8179, 20.5586, 19.1434



18.7173, 20.5586, 25.0427

Square

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



19.8179, 20.5586, 19.1434



18.3731, 20.5586, 21.6029



19.2654, 20.5586, 25.9729



20.7560, 20.5586, 23.1854

Rectangle

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



19.8179, 20.5586, 19.1434



18.8145, 20.5586, 19.7007



19.2654, 20.5586, 25.9729



20.2846, 20.5586, 25.3023

Sweetspot

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



19.8185, 20.5595, 19.1438



37.3995, 39.1926, 40.7233



19.2355, 18.6028, 21.3873



8.6613, 9.0703, 9.3499



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.



19.8185, 20.5595, 19.1438



34.2525, 35.4175, 31.9091



20.8175, 22.6234, 19.4895



4.8615, 5.0665, 4.9511



11.3335, 8.9896, 1.1378



0.0466, 0.0458, 0.0064

Inverse Universe

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



18.3181, 19.4765, 24.6240



31.1570, 33.1831, 43.2160



17.4035, 17.5918, 24.3084



4.6017, 4.8790, 5.9000



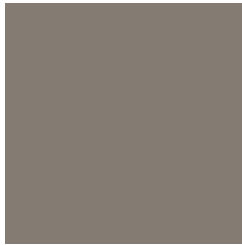
5.7112, 4.9702, 21.7950



0.0270, 0.0316, 0.0779

Previews

White Background



This preview shows how the XYZ color 19.8179, 20.5586, 19.1434 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 19.8179, 20.5586, 19.1434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

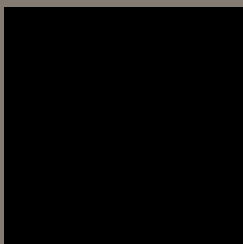
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

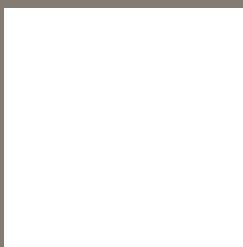
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.8179, 20.5586, 19.1434

Background



This preview shows how black text looks on a background with the XYZ color 19.8179, 20.5586, 19.1434.



This preview shows how white text looks on a background with the XYZ color 19.8179, 20.5586,

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

19.8179, 20.5586, 19.1434

Protanopia

19.6340, 20.6509, 19.1708

Deuteranopia

20.9743, 20.5984, 19.3934



Tritanopia

20.8878, 20.6261, 24.3531

Trichromacy



Original Color

19.8179, 20.5586, 19.1434

Protanomaly

19.7882, 20.7303, 19.1781

Deuteranomaly

20.5932, 20.5833, 19.4106

Tritanomaly

20.4575, 20.6331, 22.3064

Monochromacy



Original Color

19.8179, 20.5586, 19.1434

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.6869, 20.6369, 21.0349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8179, 20.5586, 19.1434 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(132, 124, 115)` looks like.

```
.text, #text, p{  
    color:rgb(132, 124, 115)  
}
```

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(132, 124, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 124, 115) }
```

Border

The CSS property to change the border of an element to XYZ 19.8179, 20.5586, 19.1434 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(132, 124, 115) }
```


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

```
.border{ border-color:rgb(132, 124, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 124, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 124, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 124, 115);  
box-shadow:4px 4px 4px 4px rgb(132, 124,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8179, 20.5586, 19.1434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 124, 115) }
```

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

```
.background{ background-color: rgb(132,  
124, 115) }
```

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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