

Converting Colors

XYZ(19.8768, 20.5884, 17.7666)

Have a look what the booklet for
XYZ(19.8768, 20.5884, 17.7666)
contains.

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Color

**XYZ(19.8536, 20.6094,
17.6835)**

Conversions

Conversions Part 1

Format	Color
Hex	867C6E
RGB	134, 124, 110
RGB Percent	53%, 49%, 43%
CMY	0.4745, 0.5137, 0.5686
CMYK	0.00, 0.07, 0.18, 0.47
HSL	35°, 10%, 48%
HSV	35°, 18%, 53%
XYZ	19.8536, 20.6094, 17.6835
YIQ	125.3940, 10.4540, -2.2340

Conversions

Conversions Part 2

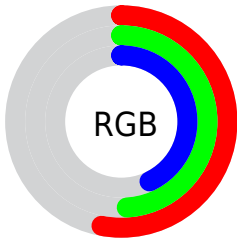
Format	Color
R_{YB}	127, 134, 110
Decimal	8813678
CIE Lab	52.52, 1.33, 9.02
CIE LCh	53, 9.115, 81.637
Yxy	20.6094, 0.3414, 0.3544
Android (android.graphics.Color)	4287003758 (0xFF867C6E)
YUV	125.3940, -7.5892, 7.5475
Hunter-Lab	45.3976, -1.3828, 8.6834

Details

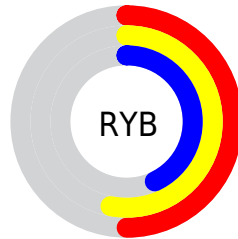
The XYZ color **19.8536, 20.6094, 17.6835** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4498, 18.4687, 25.1994**, and the grayscale version is **19.6486, 20.6719, 22.5117**.

A 20% lighter version of the original color is **42.5404, 44.2241, 40.4764**, and **7.0417, 7.2648, 5.5885** is the 20% darker color. If you saturate the color by 10%, you get **18.4989, 18.9804, 13.9006**, and if you desaturate by 10%, it is **21.3594, 22.3636, 22.0617**.

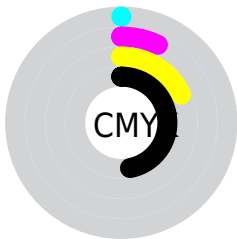
Distribution



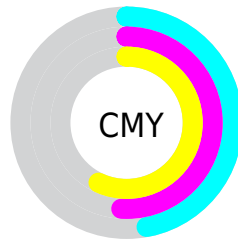
- Red (53%)
- Green (49%)
- Blue (43%)



- Red (50%)
- Yellow (53%)
- Blue (43%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (47%)



- Cyan (47%)
- Magenta (51%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8536, 20.6094, 17.6835 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 19.8536, 20.6094, 17.6835 by changing the saturation by 10% instead.

■ 19.8536, 20.6094,
17.6835

■ 19.8536, 20.6094,
17.6835

243.9702,
255.1953, 251.2569

■ 12.3963, 12.8388,
10.5559

■ 42.6774, 44.4366,
40.3039

■ 7.0883, 7.3176,
5.6587

■ 58.7747, 61.2619,
56.6338

■ 3.5642, 3.6615,
2.5733

■ 78.4826, 81.8743,
76.8682

■ 1.4587, 1.4861,
0.8786

■ 102.1666,
106.6580, 101.4257

■ 0.2975, 0.2789,
0.0000

130.1920,
135.9976, 130.7247

■ 0.0000, 0.0000,
0.0000

162.9241,

170.2775, 165.1839

200.7284,
209.8819, 205.2218

■ 19.8536, 20.6094,
17.6835

■ 19.8536, 20.6094,
17.6835

■ 18.4989, 18.9804,
13.9006

■ 21.3594, 22.3636,
22.0617

■ 17.2879, 17.4706,
10.6854

■ 23.0199, 24.2433,
27.0583

■ 16.2154, 16.0773,
8.0101

■ 24.8406, 26.2525,
32.6972

■ 15.2748, 14.7971,
5.8441

■ 26.8263, 28.3941,
39.0001

■ 14.4591, 13.6258,
4.1536

■ 28.9814, 30.6707,
45.9881

■ 13.7604, 12.5592,
2.9007

■ 31.3104, 33.0850,
53.6812

■ 13.1697, 11.5925,
2.0416

■ 33.8174, 35.6397,
62.0986

■ 12.6681, 10.7170,
1.4813

■ 36.5064, 38.3372,
71.2587

■ 12.5689, 10.5431,
1.3726

■ 39.3814, 41.1799,
81.1793

Harmonies

Analogous

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



20.7360, 20.6094, 18.6089



19.8536, 20.6094, 17.6835



18.9275, 20.6094, 17.9499

Triad

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



19.8536, 20.6094, 17.6835



17.9507, 20.6094, 24.4103



21.0454, 20.6094, 25.8207

Complementary

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



19.8536, 20.6094, 17.6835



17.4498, 18.4687, 25.1994

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.



20.2650, 20.6094, 27.6229



19.8536, 20.6094, 17.6835



18.4844, 20.6094, 26.7642

Square

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



19.8536, 20.6094, 17.6835



17.8485, 20.6094, 21.6931



19.3260, 20.6094, 27.9813



21.4383, 20.6094, 23.2041

Rectangle

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



19.8536, 20.6094, 17.6835



18.4082, 20.6094, 18.7777



19.3260, 20.6094, 27.9813



20.8185, 20.6094, 26.5503

Sweetspot

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



19.8542, 20.6103, 17.6839



38.4243, 40.3069, 41.2234



18.7978, 17.5765, 20.1714



8.6183, 9.0371, 9.1730



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.



19.8542, 20.6103, 17.6839



34.1030, 35.2685, 28.6717



20.8554, 23.0816, 18.1082



4.8814, 5.1064, 4.9577



11.7896, 9.9019, 1.2899



0.0481, 0.0488, 0.0069

Inverse Universe

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



17.4498, 18.4687, 25.1994



29.1491, 30.8564, 44.1580



16.5614, 16.3182, 24.8311



4.5820, 4.8397, 5.8934



5.3598, 4.2674, 21.6779



0.0255, 0.0286, 0.0774

Previews

White Background



This preview shows how the XYZ color 19.8536, 20.6094, 17.6835 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 19.8536, 20.6094, 17.6835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

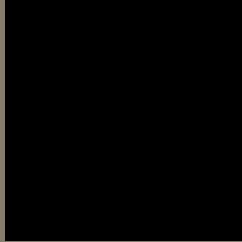
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

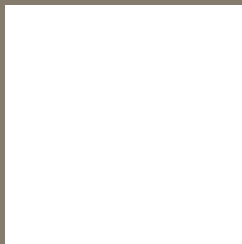
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.8536, 20.6094, 17.6835

Background



This preview shows how black text looks on a background with the XYZ color 19.8536, 20.6094, 17.6835.



This preview shows how white text looks on a background with the XYZ color 19.8536, 20.6094,

17.6835.

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

19.8536, 20.6094, 17.6835

Protanopia

19.5082, 20.6183, 17.7034

Deuteranopia

21.0343, 20.6621, 17.9185



Tritanopia

21.2506, 20.6318, 24.3350

Trichromacy



Original Color

19.8536, 20.6094, 17.6835

Protanomaly

19.6638, 20.6986, 17.7107

Deuteranomaly

20.6440, 20.6422, 17.9352

Tritanomaly

20.6880, 20.5834, 21.6215

Monochromacy



Original Color

19.8536, 20.6094, 17.6835

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.6259, 20.6125, 20.7135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8536, 20.6094, 17.6835 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, 124, 110)` looks like.

```
.text, #text, p{  
    color:rgb(134, 124, 110)  
}
```

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, 124, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 124, 110) }
```

Border

The CSS property to change the border of an element to XYZ 19.8536, 20.6094, 17.6835 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, 124, 110) }
```


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

```
.border{ border-color:rgb(134, 124, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 124, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 124, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 124, 110);  
box-shadow:4px 4px 4px 4px rgb(134, 124,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8536, 20.6094, 17.6835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 124, 110) }
```

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

```
.background{ background-color: rgb(134,  
124, 110) }
```

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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