

Converting Colors

XYZ(19.3254, 20.3043, 17.4831)

Have a look what the booklet for
XYZ(19.3254, 20.3043, 17.4831)
contains.

XYZ(19.3280, 20.3447, 17.3762)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.3280, 20.3447,
17.3762)**

Conversions

Conversions Part 1

Format	Color
Hex	837C6D
RGB	131, 124, 109
RGB Percent	51%, 49%, 43%
CMY	0.4863, 0.5137, 0.5725
CMYK	0.00, 0.05, 0.17, 0.49
HSL	41°, 9%, 47%
HSV	41°, 17%, 51%
XYZ	19.3280, 20.3447, 17.3762
YIQ	124.3830, 8.9870, -3.1810

Conversions

Conversions Part 2

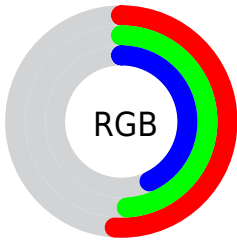
Format	Color
R_{YB}	119, 131, 109
Decimal	8617069
CIE Lab	52.22, -0.05, 9.15
CIE LCh	52, 9.146, 90.287
Yxy	20.3447, 0.3388, 0.3566
Android (android.graphics.Color)	4286807149 (0xFF837C6D)
YUV	124.3830, -7.5838, 5.8031
Hunter-Lab	45.1051, -2.4448, 8.7328

Details

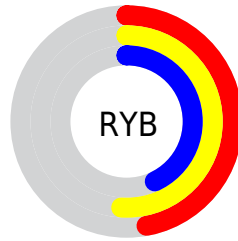
The XYZ color **19.3280, 20.3447, 17.3762** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6487, 17.3802, 23.9501**, and the grayscale version is **19.3089, 20.3145, 22.1224**.

A 20% lighter version of the original color is **41.6377, 43.7791, 39.5134**, and **6.7789, 7.1293, 5.5762** is the 20% darker color. If you saturate the color by 10%, you get **18.1637, 19.0618, 13.7644**, and if you desaturate by 10%, it is **20.6206, 21.7156, 21.5499**.

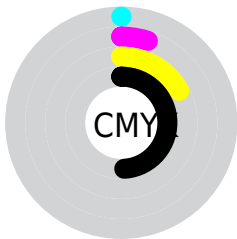
Distribution



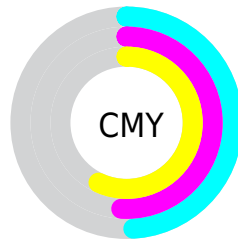
- Red (51%)
- Green (49%)
- Blue (43%)



- Red (47%)
- Yellow (51%)
- Blue (43%)



- Cyan (0%)
- Magenta (5%)
- Yellow (17%)
- Black (49%)



- Cyan (49%)
- Magenta (51%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3280, 20.3447, 17.3762 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 19.3280, 20.3447, 17.3762 by changing the saturation by 10% instead.

■ 19.3280, 20.3447,
17.3762

■ 19.3280, 20.3447,
17.3762

241.1571,
253.7751, 249.4480

■ 12.0129, 12.6459,
10.3383

■ 41.8002, 43.9943,
39.7709

■ 6.8247, 7.1851,
5.5153

■ 57.6881, 60.7139,
55.9649

■ 3.3981, 3.5782,
2.4887

■ 77.1642, 81.2092,
76.0479

■ 1.3676, 1.4405,
0.8342

■ 100.5940,
105.8646, 100.4385

■ 0.2330, 0.2463,
0.0000

128.3429,
135.0645, 129.5553

■ 0.0000, 0.0000,
0.0000

160.7761,

169.1933, 163.8168

198.2590,
208.6354, 203.6415

■ 19.3280, 20.3447,
17.3762

■ 19.3280, 20.3447,
17.3762

■ 18.1637, 19.0618,
13.7644

■ 20.6206, 21.7156,
21.5499

■ 17.1212, 17.8617,
10.6886

■ 22.0444, 23.1741,
26.3071

■ 16.1958, 16.7429,
8.1231

■ 23.6044, 24.7232,
31.6700

■ 15.3817, 15.7027,
6.0391

■ 25.3047, 26.3650,
37.6592

■ 14.6727, 14.7380,
4.4054

■ 27.1493, 28.1015,
44.2942

■ 14.0619, 13.8457,
3.1866

■ 29.1420, 29.9345,
51.5938

■ 13.5413, 13.0220,
2.3425

■ 31.2864, 31.8660,
59.5759

■ 13.0962, 12.2607,
1.7969

■ 33.5860, 33.8977,
68.2580

■ 12.9605, 12.0261,
1.6382

■ 36.0443, 36.0313,
77.6565

Harmonies

Analogous

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



20.2452, 20.3447, 17.9604



19.3280, 20.3447, 17.3762



18.4413, 20.3447, 17.9829

Triad

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



19.3280, 20.3447, 17.3762



17.8205, 20.3447, 24.8614



20.9467, 20.3447, 24.8130

Complementary

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



19.3280, 20.3447, 17.3762



16.6487, 17.3802, 23.9501

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.



20.2613, 20.3447, 26.9201



19.3280, 20.3447, 17.3762



18.4565, 20.3447, 26.9495

Square

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



19.3280, 20.3447, 17.3762



17.5884, 20.3447, 22.1778



19.3461, 20.3447, 27.7311



21.1979, 20.3447, 22.1261

Rectangle

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



19.3280, 20.3447, 17.3762



17.9821, 20.3447, 19.0117



19.3461, 20.3447, 27.7311



20.7584, 20.3447, 25.6202

Sweetspot

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



19.3285, 20.3456, 17.3766



37.3381, 39.3151, 39.9466



18.0007, 17.0315, 18.9637



8.6586, 9.1176, 9.1864



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.



19.3285, 20.3456, 17.3766



33.8221, 35.5735, 28.6305



19.6789, 21.8745, 17.6533



4.9182, 5.1799, 4.9700



12.7600, 11.8427, 1.6133



0.0508, 0.0542, 0.0078

Inverse Universe

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



16.6487, 17.3802, 23.9501



28.1196, 29.2641, 42.6196



16.3328, 16.0649, 23.7128



4.5465, 4.7685, 5.8815



4.8382, 3.2241, 21.5040



0.0228, 0.0232, 0.0765

Previews

White Background



This preview shows how the XYZ color 19.3280, 20.3447, 17.3762 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 19.3280, 20.3447, 17.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

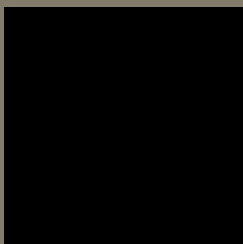
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

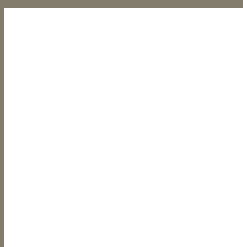
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.3280, 20.3447, 17.3762

Background



This preview shows how black text looks on a background with the XYZ color 19.3280, 20.3447, 17.3762.



This preview shows how white text looks on a background with the XYZ color 19.3280, 20.3447,

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

19.3280, 20.3447, 17.3762

Protanopia

19.1739, 20.2653, 17.3690

Deuteranopia

20.6863, 20.3095, 17.5817



Tritanopia

20.6982, 20.3548, 23.9570

Trichromacy



Original Color

19.3280, 20.3447, 17.3762

Protanomaly

19.1739, 20.2653, 17.3690

Deuteranomaly

20.1331, 20.2038, 17.5904

Tritanomaly

20.1453, 20.3108, 21.2710

Monochromacy



Original Color

19.3280, 20.3447, 17.3762

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.2898, 20.2592, 20.3465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3280, 20.3447, 17.3762 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(131, 124, 109) looks like.

```
.text, #text, p{  
    color:rgb(131, 124, 109)  
}
```

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(131, 124, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 124, 109) }
```

Border

The CSS property to change the border of an element to XYZ 19.3280, 20.3447, 17.3762 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(131, 124, 109) }
```


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

```
.border{ border-color:rgb(131, 124, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 124, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 124, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 124, 109);  
box-shadow:4px 4px 4px 4px rgb(131, 124,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3280, 20.3447, 17.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 124, 109) }
```

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

```
.background{ background-color: rgb(131,  
124, 109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor