

Converting Colors

XYZ(19.1828, 20.0712, 10.8797)

Have a look what the booklet for
XYZ(19.1828, 20.0712, 10.8797)
contains.

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Color

**XYZ(19.1300, 20.0172,
10.8381)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7A52
RGB	139, 122, 82
RGB Percent	55%, 48%, 32%
CMY	0.4549, 0.5216, 0.6784
CMYK	0.00, 0.12, 0.41, 0.45
HSL	42°, 26%, 43%
HSV	42°, 41%, 55%
XYZ	19.1300, 20.0172, 10.8381
YIQ	122.5230, 22.9720, -8.8360

Conversions

Conversions Part 2

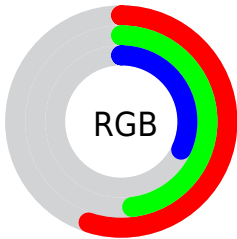
Format	Color
RYB	106, 139, 82
Decimal	9140818
CIELab	51.86, 0.53, 24.31
CIELCh	52, 24.311, 88.743
Yxy	20.0172, 0.3827, 0.4005
Android (android.graphics.Color)	4287330898 (0xFF8B7A52)
YUV	122.5230, -19.9778, 14.4503
Hunter-Lab	44.7406, -1.9737, 16.9558

Details

The XYZ color **19.1300, 20.0172, 10.8381** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.6017, 12.5813, 26.1904**, and the grayscale version is **18.7285, 19.7038, 21.4574**.

A 20% lighter version of the original color is **41.5490, 43.4074, 28.0184**, and **6.7917, 7.0996, 2.6815** is the 20% darker color. If you saturate the color by 10%, you get **18.1558, 18.8312, 8.1629**, and if you desaturate by 10%, it is **20.2341, 21.2914, 14.0857**.

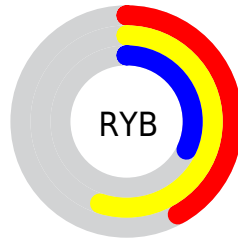
Distribution



Red (55%)

Green (48%)

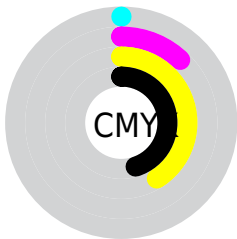
Blue (32%)



Red (42%)

Yellow (55%)

Blue (32%)

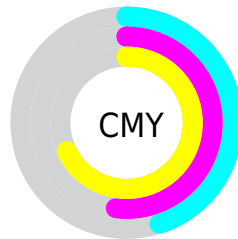


Cyan (0%)

Magenta (12%)

Yellow (41%)

Black (45%)



Cyan (45%)

Magenta (52%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1300, 20.0172, 10.8381 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 19.1300, 20.0172, 10.8381 by changing the saturation by 10% instead.

■ 19.1300, 20.0172,
10.8381

■ 19.1300, 20.0172,
10.8381

240.0899,
252.0082, 207.2508

■ 11.8688, 12.4075,
5.8453

■ 41.4688, 43.4460,
27.9925

■ 6.7260, 7.0219,
2.6840

■ 57.2772, 60.0340,
40.9911

■ 3.3361, 3.4758,
0.9353

■ 76.6653, 80.3835,
57.4954

■ 1.3339, 1.3849,
0.0000

■ 99.9985, 104.8790,
77.9239

■ 0.2084, 0.2055,
0.0000

■ 127.6423,
133.9048, 102.6951

■ 0.0000, 0.0000,
0.0000

159.9618,

167.8453, 132.2277

197.3226,
207.0850, 166.9401

■ 19.1300, 20.0172,
10.8381

■ 19.1300, 20.0172,
10.8381

■ 18.1558, 18.8312,
8.1629

■ 20.2341, 21.2914,
14.0857

■ 17.3032, 17.7274,
6.0246

■ 21.4729, 22.6539,
17.9361

■ 16.5652, 16.7033,
4.3854

■ 22.8525, 24.1083,
22.4188

■ 15.9333, 15.7551,
3.2022

■ 24.3785, 25.6572,
27.5612

■ 15.3978, 14.8784,
2.4244

■ 26.0559, 27.3030,
33.3888

■ 14.9733, 14.1406,
1.9402

■ 27.8896, 29.0482,
39.9261

■ 29.8842, 30.8948,
47.1961

■ 32.0441, 32.8451,
55.2208

■ 34.3735, 34.9011,
64.0215

Harmonies

Analogous

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



21.5951, 20.0172, 12.1215



19.1300, 20.0172, 10.8381



16.8343, 20.0172, 11.9210

Triad

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



19.1300, 20.0172, 10.8381



15.1619, 20.0172, 29.0038



23.3763, 20.0172, 29.6328

Complementary

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



19.1300, 20.0172, 10.8381



12.6017, 12.5813, 26.1904

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.



21.3996, 20.0172, 36.0106



19.1300, 20.0172, 10.8381



16.6687, 20.0172, 35.5956

Square

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



19.1300, 20.0172, 10.8381



14.6659, 20.0172, 21.4987



18.9219, 20.0172, 38.3966



24.1739, 20.0172, 22.0947

Rectangle

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



19.1300, 20.0172, 10.8381



15.6774, 20.0172, 14.0072



18.9219, 20.0172, 38.3966



22.8198, 20.0172, 32.0390

Sweetspot

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



19.1305, 20.0181, 10.8385



40.6006, 42.8377, 39.0771



15.9219, 12.4266, 13.3891



9.2901, 9.8029, 8.7897



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.1305, 20.0181, 10.8385



32.6685, 33.9168, 15.0271



19.5978, 23.6328, 11.5116



5.3073, 5.5974, 5.3531



13.5294, 12.7932, 1.7563



0.1027, 0.1106, 0.0159

Inverse Universe

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



12.6017, 12.5813, 26.1904



19.3647, 18.7745, 46.3462



12.2325, 10.2470, 25.7593



4.8884, 5.1196, 6.3364



4.9494, 3.1692, 22.3965



0.0444, 0.0442, 0.1526

Previews

White Background



This preview shows how the XYZ color 19.1300, 20.0172, 10.8381 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 19.1300, 20.0172, 10.8381 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 19.1300, 20.0172, 10.8381

Background



This preview shows how black text looks on a background with the XYZ color 19.1300, 20.0172, 10.8381.



This preview shows how white text looks on a background with the XYZ color 19.1300, 20.0172,

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

19.1300, 20.0172, 10.8381

Protanopia

18.6005, 20.1082, 11.0845

Deuteranopia

20.2525, 19.8773, 10.9529



Tritanopia

21.6288, 20.1582, 22.4896

Trichromacy



Original Color

19.1300, 20.0172, 10.8381

Protanomaly

18.7976, 20.0247, 11.0580

Deuteranomaly

19.8352, 19.8379, 10.9673

Tritanomaly

20.5666, 20.0702, 17.5418

Monochromacy



Original Color

19.1300, 20.0172, 10.8381

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.8430, 19.9158, 17.0383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1300, 20.0172, 10.8381 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(139, 122, 82)` looks like.

```
.text, #text, p{  
    color:rgb(139, 122, 82)  
}
```

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(139, 122, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 122, 82) }
```

Border

The CSS property to change the border of an element to XYZ 19.1300, 20.0172, 10.8381 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(139, 122, 82) }
```


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

```
.border{ border-color:rgb(139, 122, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 122, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 122, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 122, 82);  
box-shadow:4px 4px 4px 4px rgb(139, 122,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1300, 20.0172, 10.8381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 122, 82) }
```

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

```
.background{ background-color: rgb(139,  
122, 82) }
```

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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