

Converting Colors

XYZ(19.7055, 20.2864, 12.1096)

Have a look what the booklet for
XYZ(19.7055, 20.2864, 12.1096)
contains.

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Color

**XYZ(19.7055, 20.2864,
12.1096)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7A58
RGB	141, 122, 88
RGB Percent	55%, 48%, 35%
CMY	0.4471, 0.5216, 0.6549
CMYK	0.00, 0.13, 0.38, 0.45
HSL	38°, 23%, 45%
HSV	38°, 38%, 55%
XYZ	19.7055, 20.2864, 12.1096
YIQ	123.8050, 22.2380, -6.5460

Conversions

Conversions Part 2

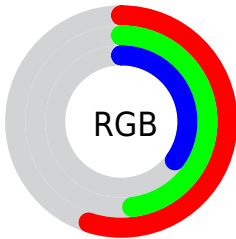
Format	Color
R_{YB}	118, 141, 88
Decimal	9271896
CIE _{Lab}	52.16, 2.14, 21.34
CIE _{LCh}	52, 21.443, 84.280
Yxy	20.2864, 0.3782, 0.3894
Android (android.graphics.Color)	4287461976 (0xFF8D7A58)
YUV	123.8050, -17.6519, 15.0800
Hunter-Lab	45.0404, -0.7258, 15.5875

Details

The XYZ color **19.7055, 20.2864, 12.1096** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.0897, 14.5127, 27.2579**, and the grayscale version is **19.1454, 20.1425, 21.9351**.

A 20% lighter version of the original color is **42.2292, 43.7092, 30.2558**, and **7.0831, 7.2384, 3.2143** is the 20% darker color. If you saturate the color by 10%, you get **18.5727, 18.8668, 9.1239**, and if you desaturate by 10%, it is **20.9846, 21.8177, 15.7019**.

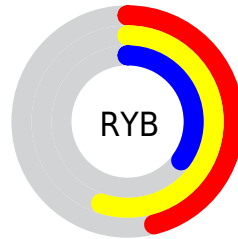
Distribution



Red (55%)

Green (48%)

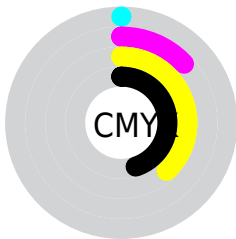
Blue (35%)



Red (46%)

Yellow (55%)

Blue (35%)

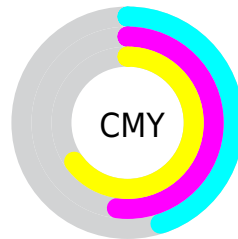


Cyan (0%)

Magenta (13%)

Yellow (38%)

Black (45%)



Cyan (45%)

Magenta (52%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7055, 20.2864, 12.1096 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 19.7055, 20.2864, 12.1096 by changing the saturation by 10% instead.

■ 19.7055, 20.2864,
12.1096

■ 19.7055, 20.2864,
12.1096

243.1804,
253.4614, 216.1331

■ 12.2882, 12.6034,
6.6949

■ 42.4306, 43.8968,
30.3619

■ 7.0138, 7.1560,
3.1965

■ 58.4691, 60.5931,
44.0367

■ 3.5172, 3.5599,
1.1958

■ 78.1120, 81.0625,
61.3019

■ 1.4328, 1.4305,
0.0000

■ 101.7247,
105.6895, 82.5760

■ 0.2794, 0.2391,
0.0000

■ 129.6725,
134.8585, 108.2777

■ 0.0000, 0.0000,
0.0000

162.3208,

168.9539, 138.8254

200.0350,
208.3600, 174.6377

■ 19.7055, 20.2864,
12.1096

■ 19.7055, 20.2864,
12.1096

■ 18.5727, 18.8668,
9.1239

■ 20.9846, 21.8177,
15.7019

■ 17.5776, 17.5523,
6.7090

■ 22.4150, 23.4611,
19.9315

■ 16.7131, 16.3402,
4.8271

■ 24.0032, 25.2209,
24.8283

■ 15.9705, 15.2261,
3.4355

■ 25.7549, 27.0999,
30.4200

■ 15.3399, 14.2053,
2.4845

■ 27.6755, 29.1010,
36.7328

■ 14.8027, 13.2693,
1.8787

■ 29.7701, 31.2271,
43.7915

■ 14.6798, 13.0532,
1.7458

■ 32.0436, 33.4807,
51.6197

■ 34.5007, 35.8643,
60.2399

■ 37.1458, 38.3805,
69.6738

Harmonies

Analogous

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



21.8530, 20.2864, 13.6543



19.7055, 20.2864, 12.1096



17.5972, 20.2864, 12.7983

Triad

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



19.7055, 20.2864, 12.1096



15.6835, 20.2864, 27.4425



22.9164, 20.2864, 29.9264

Complementary

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



19.7055, 20.2864, 12.1096



14.0897, 14.5127, 27.2579

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.



21.0702, 20.2864, 35.0450



19.7055, 20.2864, 12.1096



16.9203, 20.2864, 33.4310

Square

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



19.7055, 20.2864, 12.1096



15.3784, 20.2864, 20.9050



18.8639, 20.2864, 36.4359



23.7949, 20.2864, 23.3157

Rectangle

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



19.7055, 20.2864, 12.1096



16.4817, 20.2864, 14.5135



18.8639, 20.2864, 36.4359



22.3819, 20.2864, 31.9251

Sweetspot

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



19.7060, 20.2873, 12.1100



41.9149, 43.9924, 41.1227



17.1511, 13.7131, 15.7729



9.2874, 9.7435, 8.9547



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.



19.7060, 20.2873, 12.1100



33.5729, 34.1871, 17.1361



21.1073, 24.8172, 12.9105



5.6791, 5.9646, 5.7413



13.4005, 11.9327, 1.5970



0.1490, 0.1559, 0.0222

Inverse Universe

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



14.0897, 14.5127, 27.2579



22.0362, 22.3330, 48.2771



13.0239, 11.3393, 26.7015



5.2779, 5.5517, 6.8222



5.4588, 3.9037, 23.4429



0.0717, 0.0763, 0.2306

Previews

White Background



This preview shows how the XYZ color 19.7055, 20.2864, 12.1096 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 19.7055, 20.2864, 12.1096 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 19.7055, 20.2864, 12.1096

Background



This preview shows how black text looks on a background with the XYZ color 19.7055, 20.2864, 12.1096.



This preview shows how white text looks on a background with the XYZ color 19.7055, 20.2864,

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

19.7055, 20.2864, 12.1096

Protanopia

18.8423, 20.2049, 12.3580

Deuteranopia

20.6127, 20.2108, 12.2659



Tritanopia

21.8042, 20.2487, 22.4978

Trichromacy



Original Color

19.7055, 20.2864, 12.1096

Protanomaly

19.2027, 20.2056, 12.3392

Deuteranomaly

20.1967, 20.1740, 12.2807

Tritanomaly

21.0231, 20.2928, 18.1381

Monochromacy



Original Color

19.7055, 20.2864, 12.1096

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.1581, 20.0594, 17.9010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7055, 20.2864, 12.1096 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(141, 122, 88)` looks like.

```
.text, #text, p{  
    color:rgb(141, 122, 88)  
}
```

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(141, 122, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 122, 88) }
```

Border

The CSS property to change the border of an element to XYZ 19.7055, 20.2864, 12.1096 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(141, 122, 88) }
```


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

```
.border{ border-color:rgb(141, 122, 88) }
```

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

Here you see how a box with a 4 pixel rgb(141, 122, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 122, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 122, 88);  
box-shadow:4px 4px 4px 4px rgb(141, 122,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7055, 20.2864, 12.1096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 122, 88) }
```

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

```
.background{ background-color: rgb(141,  
122, 88) }
```

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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