

Converting Colors

XYZ(19.7176, 19.1732, 15.8905)

Have a look what the booklet for
XYZ(19.7176, 19.1732, 15.8905)
contains.

XYZ(19.7286, 19.1530, 15.7538)	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(19.7286, 19.1530,
15.7538)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7468
RGB	141, 116, 104
RGB Percent	55%, 45%, 41%
CMY	0.4471, 0.5451, 0.5922
CMYK	0.00, 0.18, 0.26, 0.45
HSL	19°, 15%, 48%
HSV	19°, 26%, 55%
XYZ	19.7286, 19.1530, 15.7538
YIQ	122.1070, 18.7520, 1.5680

Conversions

Conversions Part 2

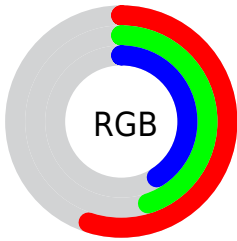
Format	Color
R_{YB}	141, 122, 104
Decimal	9270376
CIE _{Lab}	50.87, 7.83, 10.29
CIE _{LCh}	51, 12.930, 52.733
Yxy	19.1530, 0.3611, 0.3506
Android (android.graphics.Color)	4287460456 (0xFF8D7468)
YUV	122.1070, -8.9268, 16.5692
Hunter-Lab	43.7641, 3.8794, 9.2922

Details

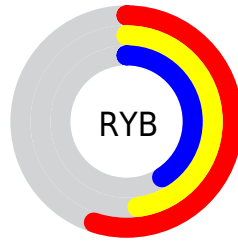
The XYZ color **19.7286, 19.1530, 15.7538** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.3667, 20.5661, 28.2010**, and the grayscale version is **18.5580, 19.5245, 21.2621**.

A 20% lighter version of the original color is **42.4247, 41.9739, 36.8761**, and **7.0221, 6.6033, 4.7754** is the 20% darker color. If you saturate the color by 10%, you get **18.0292, 16.8061, 11.9444**, and if you desaturate by 10%, it is **21.6614, 21.7748, 20.2323**.

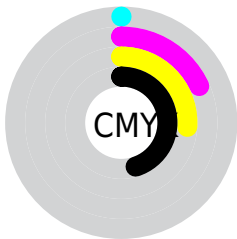
Distribution



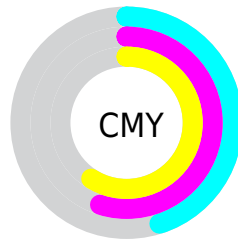
- Red (55%)
- Green (45%)
- Blue (41%)



- Red (55%)
- Yellow (48%)
- Blue (41%)



- Cyan (0%)
- Magenta (18%)
- Yellow (26%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7286, 19.1530, 15.7538 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 19.7286, 19.1530, 15.7538 by changing the saturation by 10% instead.

■ 19.7286, 19.1530,
15.7538

■ 19.7286, 19.1530,
15.7538

243.3037,
247.2921, 239.6804

■ 12.3050, 11.7809,
9.1976

■ 42.4691, 41.9925,
36.9311

■ 7.0254, 6.5947,
4.7717

■ 58.5168, 58.2286,
52.3893

■ 3.5245, 3.2099,
2.0576

■ 78.1698, 78.1882,
71.6519

■ 1.4368, 1.2423,
0.5904

■ 101.7937,
102.2557, 95.1375

■ 0.2822, 0.0958,
0.0000

129.7536,
130.8154, 123.2646

■ 0.0000, 0.0000,
0.0000

162.4150,

164.2518, 156.4518

200.1433,
202.9492, 195.1175

■ 19.7286, 19.1530,
15.7538

■ 19.7286, 19.1530,
15.7538

■ 18.0292, 16.8061,
11.9444

■ 21.6614, 21.7748,
20.2323

■ 16.5524, 14.7223,
8.7705

■ 23.8349, 24.6776,
25.4090

■ 15.2887, 12.8928,
6.1973

■ 26.2579, 27.8706,
31.3127

■ 14.2271, 11.3075,
4.1860

■ 28.9382, 31.3615,
37.9701

■ 13.3560, 9.9550,
2.6935

■ 31.8834, 35.1582,
45.4068

■ 12.6617, 8.8235,
1.6700

■ 35.1007, 39.2678,
53.6469

■ 12.1254, 7.8980,
1.0376

■ 38.5971, 43.6975,
62.7136

■ 11.9515, 7.5966,
0.8364

■ 42.3791, 48.4542,
72.6291

■ 46.4532, 53.5444,
83.4149

Harmonies

Analogous

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



20.5589, 19.1530, 18.2586



19.7286, 19.1530, 15.7538



18.5160, 19.1530, 14.6396

Triad

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



19.7286, 19.1530, 15.7538



15.8805, 19.1530, 19.9793



19.1677, 19.1530, 28.0186

Complementary

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



19.7286, 19.1530, 15.7538



18.3667, 20.5661, 28.2010

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.



17.8962, 19.1530, 28.6179



19.7286, 19.1530, 15.7538



16.0368, 19.1530, 23.6852

Square

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



19.7286, 19.1530, 15.7538



16.3233, 19.1530, 16.8875



16.7607, 19.1530, 26.9518



20.2246, 19.1530, 25.3983

Rectangle

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



19.7286, 19.1530, 15.7538



17.6696, 19.1530, 14.7316



16.7607, 19.1530, 26.9518



18.7497, 19.1530, 28.4747

Sweetspot

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



19.7291, 19.1539, 15.7542



41.8983, 43.1497, 43.6133



19.9163, 17.1561, 23.1297



9.2362, 9.4753, 9.4490



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.



19.7291, 19.1539, 15.7542



33.6297, 31.9611, 24.3675



22.0384, 23.7725, 16.5240



5.5429, 5.6920, 5.6959



10.9107, 6.9531, 0.7670



0.1227, 0.1032, 0.0135

Inverse Universe

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



18.3667, 20.5661, 28.2010



30.7950, 34.8912, 50.2395



16.1777, 16.1880, 27.4714



5.4148, 5.8254, 6.8678



8.1511, 9.2882, 24.3403



0.0980, 0.1290, 0.2394

Previews

White Background



This preview shows how the XYZ color 19.7286, 19.1530, 15.7538 looks on a white background.

Color Contrast Check

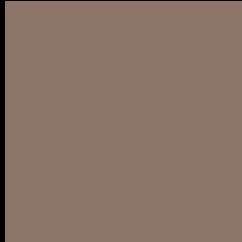
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7286, 19.1530, 15.7538 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 19.7286, 19.1530, 15.7538

Background



This preview shows how black text looks on a background with the XYZ color 19.7286, 19.1530, 15.7538.

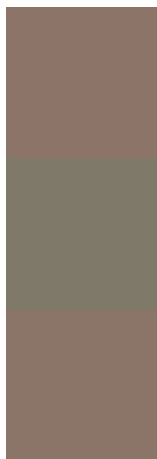


This preview shows how white text looks on a background with the XYZ color 19.7286, 19.1530,

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

19.7286, 19.1530, 15.7538

Protanopia

18.1913, 19.2274, 16.3881

Deuteranopia

19.5074, 19.2110, 15.7766



Tritanopia

20.7457, 19.0550, 20.9969

Trichromacy



Original Color

19.7286, 19.1530, 15.7538

Protanomaly

18.6623, 19.1191, 16.0713

Deuteranomaly

19.6752, 19.2975, 15.7845

Tritanomaly

20.2672, 19.0232, 18.8233

Monochromacy



Original Color

19.7286, 19.1530, 15.7538

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.8642, 19.3379, 18.9580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7286, 19.1530, 15.7538 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, 116, 104)` looks like.

```
.text, #text, p{  
    color:rgb(141, 116, 104)  
}
```

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, 116, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 116, 104) }
```

Border

The CSS property to change the border of an element to XYZ 19.7286, 19.1530, 15.7538 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, 116, 104) }
```


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

```
.border{ border-color:rgb(141, 116, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 116, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 116, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 116, 104);  
box-shadow:4px 4px 4px 4px rgb(141, 116,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7286, 19.1530, 15.7538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 116, 104) }
```

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

```
.background{ background-color: rgb(141,  
116, 104) }
```

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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