

Converting Colors

XYZ(19.8766, 22.1495, 11.1817)

Have a look what the booklet for
XYZ(19.8766, 22.1495, 11.1817)
contains.

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Color

**XYZ(19.7926, 22.0760,
11.2006)**

Conversions

Conversions Part 1

Format	Color
Hex	888352
RGB	136, 131, 82
RGB Percent	53%, 51%, 32%
CMY	0.4667, 0.4863, 0.6784
CMYK	0.00, 0.04, 0.40, 0.47
HSL	54°, 25%, 43%
HSV	54°, 40%, 53%
XYZ	19.7926, 22.0760, 11.2006
YIQ	126.9090, 18.7090, -14.1790

Conversions

Conversions Part 2

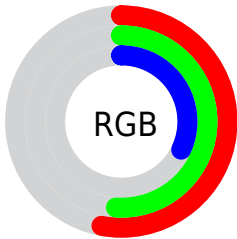
Format	Color
R_{YB}	88, 136, 82
Decimal	8946514
CIE _{Lab}	54.11, -5.82, 27.16
CIE _{LCh}	54, 27.781, 102.101
Yxy	22.0760, 0.3730, 0.4160
Android (android.graphics.Color)	4287136594 (0xFF888352)
YUV	126.9090, -22.1401, 7.9728
Hunter-Lab	46.9851, -7.0303, 18.7557

Details

The XYZ color **19.7926, 22.0760, 11.2006** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.3318, 10.3875, 24.7002**, and the grayscale version is **20.2111, 21.2636, 23.1561**.

A 20% lighter version of the original color is **42.5406, 46.8941, 28.6391**, and **7.0820, 8.0933, 2.8580** is the 20% darker color. If you saturate the color by 10%, you get **19.1578, 21.5541, 8.6840**, and if you desaturate by 10%, it is **20.5332, 22.6451, 14.2591**.

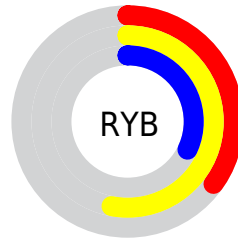
Distribution



Red (53%)

Green (51%)

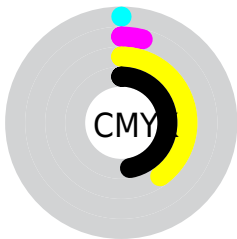
Blue (32%)



Red (35%)

Yellow (53%)

Blue (32%)

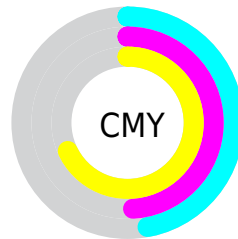


Cyan (0%)

Magenta (4%)

Yellow (40%)

Black (47%)



Cyan (47%)

Magenta (49%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7926, 22.0760, 11.2006 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 19.7926, 22.0760, 11.2006 by changing the saturation by 10% instead.

■ 19.7926, 22.0760,
11.2006

■ 19.7926, 22.0760,
11.2006

243.6451,
262.9429, 209.8253

■ 12.3518, 13.9128,
6.0861

■ 42.5758, 46.8716,
28.6728

■ 7.0576, 8.0600,
2.8278

■ 58.6489, 64.2727,
41.8676

■ 3.5448, 4.1334,
1.0074

■ 78.3300, 85.5219,
58.5928

■ 1.4480, 1.7484,
0.0000

■ 101.9847,
111.0036, 79.2671

■ 0.2900, 0.4547,
0.0000

■ 129.9782,
141.1021, 104.3089

■ 0.0000, 0.0000,
0.0000

162.6758,

176.2019, 134.1369

200.4430,
216.6874, 169.1695

■ 19.7926, 22.0760,
11.2006

■ 19.7926, 22.0760,
11.2006

■ 19.1578, 21.5541,
8.6840

■ 20.5332, 22.6451,
14.2591

■ 18.6210, 21.0738,
6.6758

■ 21.3834, 23.2606,
17.8877

■ 18.1760, 20.6336,
5.1410

■ 22.3492, 23.9256,
22.1140

■ 17.8152, 20.2303,
4.0397

■ 23.4352, 24.6420,
26.9637

■ 17.5298, 19.8603,
3.3250

■ 24.6462, 25.4117,
32.4608

■ 17.2949, 19.5138,
2.8665

■ 25.9863, 26.2364,
38.6281

■ 17.2880, 19.5037,
2.8534

■ 27.4599, 27.1179,
45.4874

■ 29.0707, 28.0576,
53.0592

■ 30.8226, 29.0571,
61.3636

Harmonies

Analogous

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



22.8119, 22.0760, 11.4634



19.7926, 22.0760, 11.2006



17.3369, 22.0760, 13.7178

Triad

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



19.7926, 22.0760, 11.2006



16.9750, 22.0760, 36.9489



26.9854, 22.0760, 29.4990

Complementary

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



19.7926, 22.0760, 11.2006



11.3318, 10.3875, 24.7002

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.



25.1065, 22.0760, 38.5503



19.7926, 22.0760, 11.2006



19.2538, 22.0760, 43.5095

Square

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



19.7926, 22.0760, 11.2006



15.8175, 22.0760, 27.6817



22.2193, 22.0760, 44.1571



27.1649, 22.0760, 20.7272

Rectangle

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



19.7926, 22.0760, 11.2006



16.2724, 22.0760, 17.0861



22.2193, 22.0760, 44.1571



26.5239, 22.0760, 32.6559

Sweetspot

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



19.7931, 22.0770, 11.2011



38.9312, 41.8560, 36.9653



14.9075, 11.9638, 10.6266



8.9722, 9.6635, 8.3683



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.7931, 22.0770, 11.2011



33.8306, 38.0435, 15.5697



17.3188, 21.8218, 11.2822



5.3922, 5.7672, 5.3814



16.3662, 18.4668, 2.7019



0.1141, 0.1334, 0.0197

Inverse Universe

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



11.3318, 10.3875, 24.7002



16.6859, 14.3642, 42.9415



13.1240, 10.7316, 24.6722



4.8095, 4.9619, 6.3101



4.3408, 1.9519, 22.1937



0.0331, 0.0214, 0.1488

Previews

White Background



This preview shows how the XYZ color 19.7926, 22.0760, 11.2006 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 19.7926, 22.0760, 11.2006 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

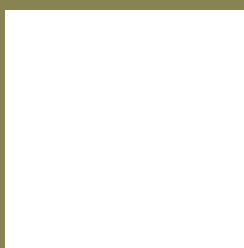
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.7926, 22.0760, 11.2006

Background



This preview shows how black text looks on a background with the XYZ color 19.7926, 22.0760, 11.2006.



This preview shows how white text looks on a background with the XYZ color 19.7926, 22.0760,

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

19.7926, 22.0760, 11.2006

Protanopia

20.3200, 21.9573, 10.9518

Deuteranopia

22.5182, 22.1233, 11.4709



Tritanopia

22.7920, 22.1392, 25.6263

Trichromacy



Original Color

19.7926, 22.0760, 11.2006

Protanomaly

20.1153, 22.0483, 10.9801

Deuteranomaly

21.5451, 22.1928, 11.3317

Tritanomaly

21.4991, 21.9920, 19.3314

Monochromacy



Original Color

19.7926, 22.0760, 11.2006

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.7943, 21.3319, 18.1131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7926, 22.0760, 11.2006 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(136, 131, 82)` looks like.

```
.text, #text, p{  
    color:rgb(136, 131, 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(136, 131, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 131, 82) }
```

Border

The CSS property to change the border of an element to XYZ 19.7926, 22.0760, 11.2006 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(136, 131, 82) }
```


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

```
.border{ border-color:rgb(136, 131, 82) }
```

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

Here you see how a box with a 4 pixel rgb(136, 131, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 131, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 131, 82);  
box-shadow:4px 4px 4px 4px rgb(136, 131,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7926, 22.0760, 11.2006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 131, 82) }
```

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

```
.background{ background-color: rgb(136,  
131, 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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