

Converting Colors

XYZ(22.4184, 17.8076, 11.0164)

Have a look what the booklet for
XYZ(22.4184, 17.8076, 11.0164)
contains.

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Color

**XYZ(22.4096, 17.8423,
11.0669)**

Conversions

Conversions Part 1

Format	Color
Hex	A96256
RGB	169, 98, 86
RGB Percent	66%, 38%, 34%
CMY	0.3373, 0.6157, 0.6627
CMYK	0.00, 0.42, 0.49, 0.34
HSL	9°, 33%, 50%
HSV	9°, 49%, 66%
XYZ	22.4096, 17.8423, 11.0669
YIQ	117.8610, 46.1680, 11.3200

Conversions

Conversions Part 2

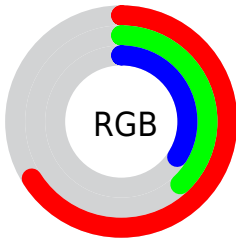
Format	Color
R_{YB}	169, 100, 86
Decimal	11100758
CIE _{Lab}	49.30, 27.40, 19.26
CIE _{LCh}	49, 33.494, 35.095
Yxy	17.8423, 0.4367, 0.3477
Android (android.graphics.Color)	4289290838 (0xFFA96256)
YUV	117.8610, -15.7075, 44.8489
Hunter-Lab	42.2401, 20.7791, 14.0341

Details

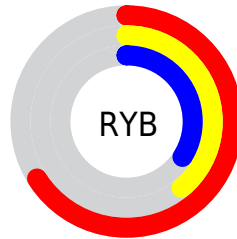
The XYZ color **22.4096, 17.8423, 11.0669** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.0555, 28.9555, 41.9098**, and the grayscale version is **17.2143, 18.1108, 19.7227**.

A 20% lighter version of the original color is **47.0288, 39.9212, 28.5194**, and **8.3509, 5.9520, 2.8065** is the 20% darker color. If you saturate the color by 10%, you get **20.5749, 15.1368, 7.4839**, and if you desaturate by 10%, it is **24.6505, 21.1026, 15.5799**.

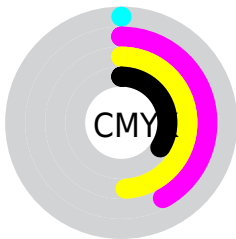
Distribution



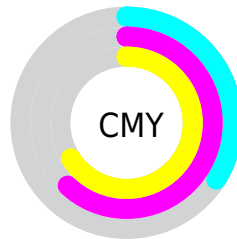
- Red (66%)
- Green (38%)
- Blue (34%)



- Red (66%)
- Yellow (39%)
- Blue (34%)



- Cyan (0%)
- Magenta (42%)
- Yellow (49%)
- Black (34%)



- Cyan (34%)
- Magenta (62%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4096, 17.8423, 11.0669 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 22.4096, 17.8423, 11.0669 by changing the saturation by 10% instead.

■ 22.4096, 17.8423,
11.0669

■ 22.4096, 17.8423,
11.0669

257.2702,
239.9807, 208.8798

■ 14.2765, 10.8368,
5.9971

■ 46.8959, 39.7684,
28.4223

■ 8.3962, 5.9572,
2.7746

■ 63.9797, 55.4579,
41.5451

■ 4.4034, 2.8191,
0.9807

■ 84.7779, 74.8108,
58.1892

■ 1.9328, 1.0380,
0.0000

■ 109.6556, 98.2115,
78.7733

■ 0.5958, 0.0000,
0.0000

■ 138.9784,
126.0444, 103.7159

■ 0.0000, 0.0000,
0.0000

173.1115,

158.6940, 133.4355

212.4204,
196.5446, 168.3506

■ 22.4096, 17.8423,
11.0669

■ 22.4096, 17.8423,
11.0669

■ 20.5749, 15.1368,
7.4839

■ 24.6505, 21.1026,
15.5799

■ 19.1204, 12.9525,
4.7649

■ 27.3188, 24.9434,
21.0807

■ 18.0191, 11.2562,
2.8366


■ 30.4359, 29.3923,
27.6237


■ 17.2396, 10.0099,
1.6131

■ 34.0213, 34.4740,
35.2589


■ 16.7337, 9.1650,
0.9302


■ 38.0933, 40.2122,
44.0331

 16.6980, 9.1067,
0.8777

 42.6693, 46.6290,
53.9904

 47.7657, 53.7458,
65.1725

 53.3984, 61.5828,
77.6192

 59.5823, 70.1595,
91.3683

Harmonies

Analogous

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



23.7313, 17.8423, 17.9278



22.4096, 17.8423, 11.0669



19.6377, 17.8423, 7.5633

Triad

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



22.4096, 17.8423, 11.0669



12.0391, 17.8423, 13.0027



17.5019, 17.8423, 42.3184

Complementary

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



22.4096, 17.8423, 11.0669



23.0555, 28.9555, 41.9098

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.



14.5349, 17.8423, 39.7770



22.4096, 17.8423, 11.0669



11.6152, 17.8423, 21.0081

Square

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



22.4096, 17.8423, 11.0669



13.7107, 17.8423, 8.4143



12.4720, 17.8423, 31.1972



20.6826, 17.8423, 37.3455

Rectangle

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



22.4096, 17.8423, 11.0669



17.4814, 17.8423, 6.7672



12.4720, 17.8423, 31.1972



16.4462, 17.8423, 42.3268

Sweetspot

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



22.4100, 17.8432, 11.0672



56.8761, 56.0016, 54.4921



25.8558, 17.5570, 34.3437



12.1227, 11.8173, 11.2955



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



22.4100, 17.8432, 11.0672



36.5744, 26.7011, 12.8796



27.2119, 27.4469, 12.6679



7.6154, 7.7109, 7.8763



12.4701, 6.8374, 0.6625



0.3287, 0.2170, 0.0246

Inverse Universe

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



23.0555, 28.9555, 41.9098



37.8241, 48.8804, 74.6664



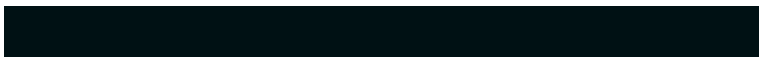
17.2948, 17.4341, 39.9896



7.6537, 8.3444, 9.6256



12.8635, 17.1872, 30.6150



0.3373, 0.4669, 0.7530

Previews

White Background



This preview shows how the XYZ color 22.4096, 17.8423, 11.0669 looks on a white 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

Black Background



This preview shows how the XYZ color 22.4096, 17.8423, 11.0669 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 22.4096, 17.8423, 11.0669

Background



This preview shows how black text looks on a background with the XYZ color 22.4096, 17.8423, 11.0669.



This preview shows how white text looks on a background with the XYZ color 22.4096, 17.8423,

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

22.4096, 17.8423, 11.0669

Protanopia

16.8843, 17.9088, 13.3933

Deuteranopia

18.2817, 18.0102, 10.6964



Tritanopia

23.2086, 17.8911, 15.0621

Trichromacy



Original Color

22.4096, 17.8423, 11.0669

Protanomaly

18.4922, 17.5873, 12.5453

Deuteranomaly

19.7253, 17.9445, 10.8115

Tritanomaly

23.0099, 17.9585, 13.5628

Monochromacy



Original Color

22.4096, 17.8423, 11.0669

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.6025, 17.7279, 16.0770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4096, 17.8423, 11.0669 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(169, 98, 86)` looks like.

```
.text, #text, p{  
    color:rgb(169, 98, 86)  
}
```

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(169, 98, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 98, 86) }
```

Border

The CSS property to change the border of an element to XYZ 22.4096, 17.8423, 11.0669 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(169, 98, 86) }
```


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

```
.border{ border-color:rgb(169, 98, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 98, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 98, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 98, 86);  
box-shadow:4px 4px 4px 4px rgb(169, 98,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4096, 17.8423, 11.0669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 98, 86) }
```

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

```
.background{ background-color: rgb(169, 98,  
86) }
```

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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