

Converting Colors

XYZ(22.0900, 17.3934, 11.1569)

Have a look what the booklet for
XYZ(22.0900, 17.3934, 11.1569)
contains.

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Color

**XYZ(22.0516, 17.3787,
11.2090)**

Conversions

Conversions Part 1

Format	Color
Hex	A86057
RGB	168, 96, 87
RGB Percent	66%, 38%, 34%
CMY	0.3412, 0.6235, 0.6588
CMYK	0.00, 0.43, 0.48, 0.34
HSL	7°, 32%, 50%
HSV	7°, 48%, 66%
XYZ	22.0516, 17.3787, 11.2090
YIQ	116.5020, 45.8010, 12.4650

Conversions

Conversions Part 2

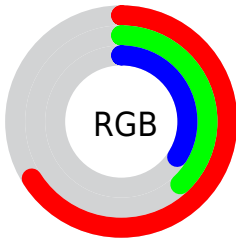
Format	Color
RYB	168, 97, 87
Decimal	11034711
CIELab	48.73, 28.21, 17.88
CIElCh	49, 33.397, 32.360
Yxy	17.3787, 0.4355, 0.3432
Android (android.graphics.Color)	4289224791 (0xFFA86057)
YUV	116.5020, -14.5445, 45.1637
Hunter-Lab	41.6878, 21.4676, 13.2396

Details

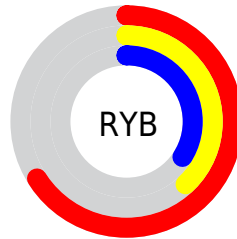
The XYZ color **22.0516, 17.3787, 11.2090** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.3958, 29.6481, 41.5352**, and the grayscale version is **16.7887, 17.6630, 19.2350**.

A 20% lighter version of the original color is **46.4693, 39.1547, 28.7753**, and **8.2849, 5.7918, 2.8718** is the 20% darker color. If you saturate the color by 10%, you get **20.2080, 14.6652, 7.5932**, and if you desaturate by 10%, it is **24.3146, 20.6754, 15.7530**.

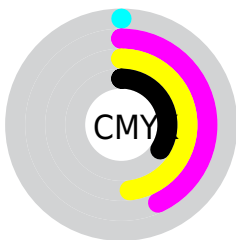
Distribution



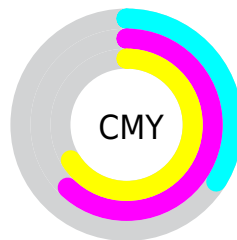
- Red (66%)
- Green (38%)
- Blue (34%)



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



- Cyan (0%)
- Magenta (43%)
- Yellow (48%)
- Black (34%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0516, 17.3787, 11.2090 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 22.0516, 17.3787, 11.2090 by changing the saturation by 10% instead.

■ 22.0516, 17.3787,
11.2090

■ 22.0516, 17.3787,
11.2090

255.4429,
237.3454, 209.8845

■ 14.0116, 10.5049,
6.0917

■ 46.3095, 38.9758,
28.6885

■ 8.2105, 5.7350,
2.8312

■ 63.2581, 54.4678,
41.8878

■ 4.2829, 2.6846,
1.0091

■ 83.9070, 73.6013,
58.6181

■ 1.8634, 0.9694,
0.0000

■ 108.6215, 96.7607,
79.2980

■ 0.5554, 0.0000,
0.0000

■ 137.7670,
124.3304, 104.3461

■ 0.0000, 0.0000,
0.0000

171.7088,

156.6948, 134.1808

210.8124,
194.2384, 169.2208

■ 22.0516, 17.3787,
11.2090

■ 22.0516, 17.3787,
11.2090

■ 20.2080, 14.6652,
7.5932

■ 24.3146, 20.6754,
15.7530

■ 18.7567, 12.4984,
4.8406

■ 27.0193, 24.5839,
21.2822

■ 17.6690, 10.8417,
2.8790


■ 30.1883, 29.1339,
27.8502


■ 16.9121, 9.6531,
1.6244

■ 33.8418, 34.3525,
35.5066


■ 16.4393, 8.8804,
0.9338


■ 37.9992, 40.2653,
44.2976

 16.3758, 8.7796,
0.8315

 42.6786, 46.8963,
54.2668

 47.8973, 54.2687,
65.4556

 53.6718, 62.4043,
77.9032

 60.0178, 71.3243,
91.6472

Harmonies

Analogous

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



23.1810, 17.3787, 18.2315



22.0516, 17.3787, 11.2090



19.4251, 17.3787, 7.5109

Triad

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



22.0516, 17.3787, 11.2090



11.8010, 17.3787, 12.0855



16.7634, 17.3787, 41.4744

Complementary

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



22.0516, 17.3787, 11.2090



23.3958, 29.6481, 41.5352

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.



13.9164, 17.3787, 38.3119



22.0516, 17.3787, 11.2090



11.2722, 17.3787, 19.6307

Square

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



22.0516, 17.3787, 11.2090



13.5424, 17.3787, 7.8951



11.9973, 17.3787, 29.5482



19.9003, 17.3787, 37.2031

Rectangle

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



22.0516, 17.3787, 11.2090



17.3191, 17.3787, 6.5862



11.9973, 17.3787, 29.5482



15.7419, 17.3787, 41.2447

Sweetspot

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



22.0520, 17.3796, 11.2093



57.2975, 56.4674, 55.7950



25.8930, 17.6759, 35.2588



12.1972, 11.8911, 11.5520



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.



22.0520, 17.3796, 11.2093



36.4195, 26.2399, 13.2948



26.6167, 26.5088, 12.7309



7.5958, 7.6716, 7.8697



12.3866, 6.6704, 0.6347



0.3213, 0.2022, 0.0221

Inverse Universe

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



23.3958, 29.6481, 41.5352



39.1197, 51.1506, 75.0363



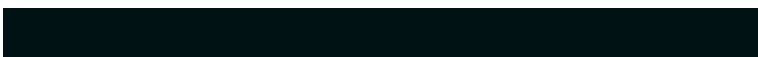
17.6430, 18.1426, 39.6176



7.6753, 8.3875, 9.6328



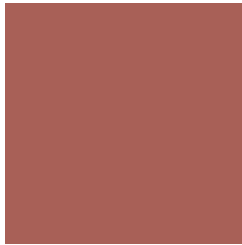
13.5154, 18.4911, 30.8323



0.3483, 0.4889, 0.7566

Previews

White Background



This preview shows how the XYZ color 22.0516, 17.3787, 11.2090 looks on a white background.

Color Contrast Check

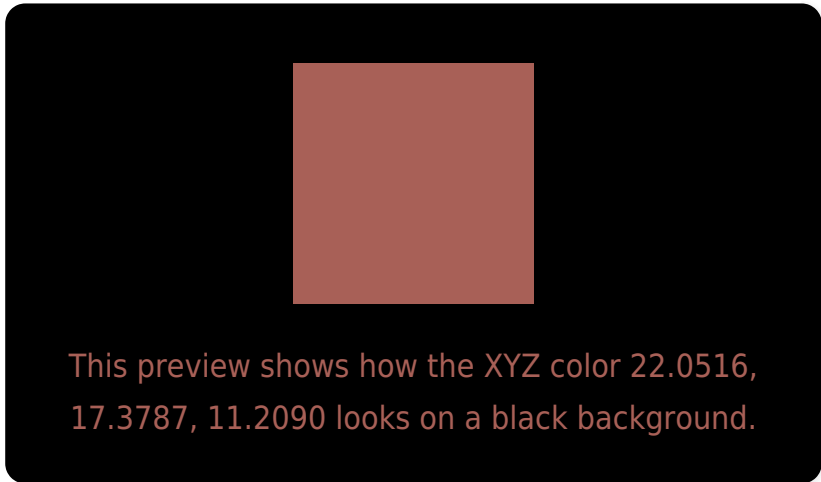
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

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

XYZ 22.0516, 17.3787, 11.2090

Background



This preview shows how black text looks on a background with the XYZ color 22.0516, 17.3787, 11.2090.



This preview shows how white text looks on a background with the XYZ color 22.0516, 17.3787,

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

22.0516, 17.3787, 11.2090

Protanopia

16.5251, 17.5463, 13.5821

Deuteranopia

17.7659, 17.4122, 10.8120



Tritanopia

22.7139, 17.3800, 14.4694

Trichromacy



Original Color

22.0516, 17.3787, 11.2090

Protanomaly

18.0919, 17.2166, 12.7255

Deuteranomaly

19.1882, 17.3535, 10.9326

Tritanomaly

22.5657, 17.4640, 13.2479

Monochromacy



Original Color

22.0516, 17.3787, 11.2090

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.2235, 17.2121, 15.9975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0516, 17.3787, 11.2090 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(168, 96, 87)` looks like.

```
.text, #text, p{  
    color:rgb(168, 96, 87)  
}
```

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(168, 96, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 96, 87) }
```

Border

The CSS property to change the border of an element to XYZ 22.0516, 17.3787, 11.2090 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(168, 96, 87) }
```


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

```
.border{ border-color:rgb(168, 96, 87) }
```

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

Here you see how a box with a 4 pixel rgb(168, 96, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 96, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 96, 87);  
box-shadow:4px 4px 4px 4px rgb(168, 96,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0516, 17.3787, 11.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 96, 87) }
```

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

```
.background{ background-color: rgb(168, 96,  
87) }
```

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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