

Converting Colors

XYZ(22.6191, 18.7064, 10.9994)

Have a look what the booklet for
XYZ(22.6191, 18.7064, 10.9994)
contains.

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Color

**XYZ(22.6384, 18.6812,
11.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	A86755
RGB	168, 103, 85
RGB Percent	66%, 40%, 33%
CMY	0.3412, 0.5961, 0.6667
CMYK	0.00, 0.39, 0.49, 0.34
HSL	13°, 33%, 50%
HSV	13°, 49%, 66%
XYZ	22.6384, 18.6812, 11.0070
YIQ	120.3830, 44.5180, 8.1820

Conversions

Conversions Part 2

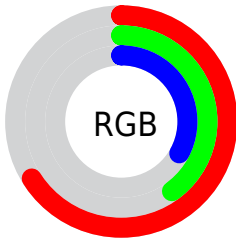
Format	Color
R_{YB}	168, 108, 85
Decimal	11036501
CIE _{Lab}	50.31, 24.11, 21.16
CIE _{LCh}	50, 32.079, 41.278
Yxy	18.6812, 0.4326, 0.3570
Android (android.graphics.Color)	4289226581 (0xFFA86755)
YUV	120.3830, -17.4438, 41.7601
Hunter-Lab	43.2218, 17.8555, 15.1562

Details

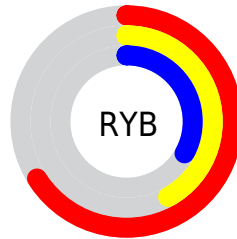
The XYZ color **22.6384, 18.6812, 11.0070** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.7200, 26.5700, 41.0295**, and the grayscale version is **18.0200, 18.9584, 20.6457**.

A 20% lighter version of the original color is **47.4585, 41.3607, 28.4037**, and **8.5592, 6.3963, 2.7910** is the 20% darker color. If you saturate the color by 10%, you get **20.8414, 16.0315, 7.4970**, and if you desaturate by 10%, it is **24.8007, 21.8080, 15.4209**.

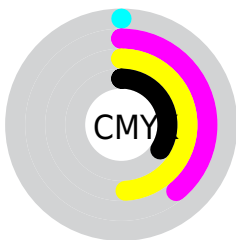
Distribution



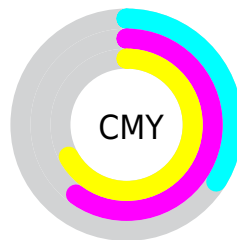
- Red (66%)
- Green (40%)
- Blue (33%)



- Red (66%)
- Yellow (42%)
- Blue (33%)



- Cyan (0%)
- Magenta (39%)
- Yellow (49%)
- Black (34%)





- Cyan (34%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.6384, 18.6812, 11.0070 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 22.6384, 18.6812, 11.0070 by changing the saturation by 10% instead.


 22.6384, 18.6812,
11.0070


 22.6384, 18.6812,
11.0070


258.4324,
244.6831, 208.4547


 14.4460, 11.4401,
5.9573


 47.2699, 41.1947,
28.3100


 8.5153, 6.3637,
2.7508


 64.4397, 57.2359,
41.4003

 4.4809, 3.0675,
0.9688

 85.3327, 76.9794,
58.0080

 1.9777, 1.1671,
0.0000

 110.3142,
100.8094, 78.5515

 0.6214, 0.0346,
0.0000

 139.7495,
129.1104, 103.4494

 0.0000, 0.0000,
0.0000

174.0041,

162.2667, 133.1202

213.4433,
200.6628, 167.9824

■ 22.6384, 18.6812,
11.0070

■ 22.6384, 18.6812,
11.0070

■ 20.8414, 16.0315,
7.4970

■ 24.8007, 21.8080,
15.4209

■ 19.3873, 13.8323,
4.8266

■ 27.3463, 25.4311,
20.7948

■ 18.2533, 12.0586,
2.9247

■ 30.2933, 29.5722,
27.1813

■ 17.4130, 10.6818,
1.7078

■ 33.6585, 34.2507,
34.6292

■ 16.8225, 9.6642,
1.0075

■ 37.4577, 39.4850,
43.1837

■ 16.7927, 9.6135,
0.9705

■ 41.7058, 45.2927,
52.8877

■ 46.4169, 51.6906,
63.7817

■ 51.6046, 58.6948,
75.9042

■ 57.2820, 66.3207,
89.2921

Harmonies

Analogous

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



24.2879, 18.6812, 17.1725



22.6384, 18.6812, 11.0070



19.7448, 18.6812, 8.0523

Triad

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



22.6384, 18.6812, 11.0070



12.6744, 18.6812, 15.3251



18.9510, 18.6812, 42.1759

Complementary

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



22.6384, 18.6812, 11.0070



21.7200, 26.5700, 41.0295

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.



15.9053, 18.6812, 41.2473



22.6384, 18.6812, 11.0070



12.5146, 18.6812, 23.8763

Square

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



22.6384, 18.6812, 11.0070



14.0967, 18.6812, 9.9959



13.6313, 18.6812, 33.8560



21.9992, 18.6812, 36.1118

Rectangle

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



22.6384, 18.6812, 11.0070



17.6229, 18.6812, 7.5759



13.6313, 18.6812, 33.8560



17.8896, 18.6812, 42.7088

Sweetspot

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



22.6389, 18.6821, 11.0074



57.3995, 57.0484, 54.6666



24.9034, 17.0245, 30.8347



12.2487, 12.0693, 11.3375



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.



22.6389, 18.6821, 11.0074



37.6215, 28.7953, 13.2286



27.8348, 29.0740, 12.7393



7.6582, 7.7964, 7.8905



12.7134, 7.3240, 0.7436



0.3447, 0.2490, 0.0299

Inverse Universe

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



21.7200, 26.5700, 41.0295



35.7156, 44.6634, 73.9636



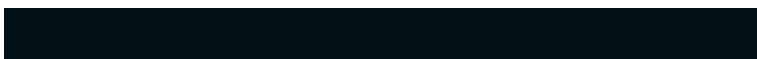
16.2316, 15.5931, 39.2000



7.6074, 8.2518, 9.6101



11.5618, 14.5839, 30.1811



0.3148, 0.4218, 0.7455

Previews

White Background



This preview shows how the XYZ color 22.6384, 18.6812, 11.0070 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 22.6384, 18.6812, 11.0070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

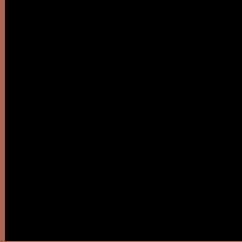
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.6384, 18.6812, 11.0070

Background



This preview shows how black text looks on a background with the XYZ color 22.6384, 18.6812, 11.0070.



This preview shows how white text looks on a background with the XYZ color 22.6384, 18.6812,

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

22.6384, 18.6812, 11.0070

Protanopia

17.5503, 18.7948, 12.8280

Deuteranopia

19.0198, 18.7256, 10.7956



Tritanopia

23.7886, 18.7219, 16.2698

Trichromacy



Original Color

22.6384, 18.6812, 11.0070

Protanomaly

19.1482, 18.5955, 12.0313

Deuteranomaly

20.2336, 18.6844, 10.9275

Tritanomaly

23.2680, 18.6432, 14.1765

Monochromacy



Original Color

22.6384, 18.6812, 11.0070

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.9877, 18.4145, 16.4635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6384, 18.6812, 11.0070 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, 103, 85)` looks like.

```
.text, #text, p{  
    color:rgb(168, 103, 85)  
}
```

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, 103, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 103, 85) }
```

Border

The CSS property to change the border of an element to XYZ 22.6384, 18.6812, 11.0070 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, 103, 85) }
```


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

```
.border{ border-color:rgb(168, 103, 85) }
```

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

Here you see how a box with a 4 pixel rgb(168, 103, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 103, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 103, 85);  
box-shadow:4px 4px 4px 4px rgb(168, 103,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6384, 18.6812, 11.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 103, 85) }
```

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

```
.background{ background-color: rgb(168,  
103, 85) }
```

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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