

Converting Colors

XYZ(22.4832, 19.8287, 11.2009)

Have a look what the booklet for
XYZ(22.4832, 19.8287, 11.2009)
contains.

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Color

**XYZ(22.4284, 19.8113,
11.2362)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A36F55 |
| RGB | 163, 111, 85 |
| RGB Percent | 64%, 44%, 33% |
| CMY | 0.3608, 0.5647, 0.6667 |
| CMYK | 0.00, 0.32, 0.48, 0.36 |
| HSL | 20°, 31%, 49% |
| HSV | 20°, 48%, 64% |
| XYZ | 22.4284, 19.8113, 11.2362 |
| YIQ | 123.5840, 39.3380, 2.9380 |

Conversions

Conversions Part 2

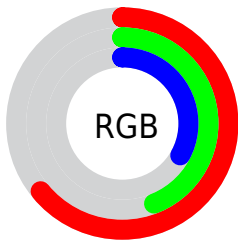
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 163, 124, 85 |
| Decimal | 10710869 |
| CIE Lab | 51.62, 17.50, 22.78 |
| CIE LCh | 52, 28.725, 52.477 |
| Yxy | 19.8113, 0.4194, 0.3705 |
| Android (android.graphics.Color) | 4288900949 (0xFFA36F55) |
| YUV | 123.5840, -19.0219, 34.5678 |
| Hunter-Lab | 44.5099, 12.0533, 16.1896 |

Details

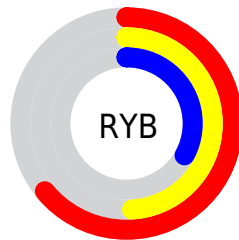
The XYZ color **22.4284, 19.8113, 11.2362** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **19.3024, 22.4660, 37.9693**, and the grayscale version is **19.0723, 20.0656, 21.8514**.

A 20% lighter version of the original color is **46.9856, 43.1593, 28.7758**, and **8.4504, 6.9527, 2.8161** is the 20% darker color. If you saturate the color by 10%, you get **20.7396, 17.3534, 7.8382**, and if you desaturate by 10%, it is **24.4116, 22.6193, 15.4687**.

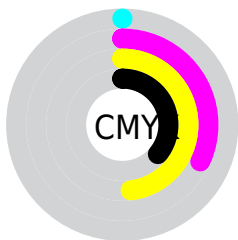
Distribution



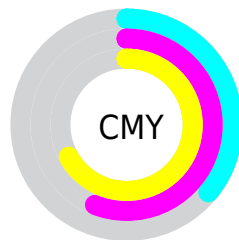
- Red (64%)
- Green (44%)
- Blue (33%)



- Red (64%)
- Yellow (49%)
- Blue (33%)



- Cyan (0%)
- Magenta (32%)
- Yellow (48%)
- Black (36%)





- Cyan (36%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.4284, 19.8113, 11.2362 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 22.4284, 19.8113, 11.2362 by changing the saturation by 10% instead.


 22.4284, 19.8113,
11.2362


 22.4284, 19.8113,
11.2362


257.3659,
250.8917, 210.0762


 14.2904, 12.2580,
6.1098


 46.9266, 43.1006,
28.7394

 8.4060, 6.9196,
2.8421


 64.0176, 59.6053,
41.9533


 4.4098, 3.4119,
1.0146

 84.8235, 79.8626,
58.7001

 1.9365, 1.3504,
0.0000

 109.7098,
104.2569, 79.3982

 0.5979, 0.1797,
0.0000

 139.0419,
133.1726, 104.4664

 0.0000, 0.0000,
0.0000

173.1850,

166.9940, 134.3231

212.5046,
206.1056, 169.3869

■ 22.4284, 19.8113,
11.2362

■ 22.4284, 19.8113,
11.2362

■ 20.7396, 17.3534,
7.8382

■ 24.4116, 22.6193,
15.4687

■ 19.3283, 15.2283,
5.2170

■ 26.7020, 25.7880,
20.5857

■ 18.1776, 13.4213,
3.3097


■ 29.3135, 29.3312,
26.6346


■ 17.2682, 11.9153,
2.0423


■ 32.2584, 33.2610,
33.6589

■ 16.5705, 10.6884,
1.2903


■ 35.5486, 37.5890,
41.6996

 16.4393, 10.4567,
1.1519

 39.1953, 42.3262,
50.7952

 43.2090, 47.4832,
60.9822

 47.6000, 53.0702,
72.2953

 52.3780, 59.0972,
84.7677

Harmonies

Analogous

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



24.4568, 19.8113, 16.0320



22.4284, 19.8113, 11.2362



19.5684, 19.8113, 9.3113

Triad

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



22.4284, 19.8113, 11.2362



13.8327, 19.8113, 19.5503



21.0395, 19.8113, 39.9117

Complementary

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



22.4284, 19.8113, 11.2362



19.3024, 22.4660, 37.9693

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.



18.1105, 19.8113, 41.5522



22.4284, 19.8113, 11.2362



14.1402, 19.8113, 28.2585

Square

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



22.4284, 19.8113, 11.2362



14.7510, 19.8113, 13.2446



15.6387, 19.8113, 36.8475



23.5993, 19.8113, 32.8121

Rectangle

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



22.4284, 19.8113, 11.2362



17.6528, 19.8113, 9.4486



15.6387, 19.8113, 36.8475



20.0585, 19.8113, 41.1829

Sweetspot

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



22.4289, 19.8123, 11.2366



54.3232, 54.9775, 52.0148



22.8682, 16.0898, 25.5674



11.9630, 12.0292, 11.1190



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



22.4289, 19.8123, 11.2366



37.0864, 30.9947, 13.9276



27.6503, 30.2551, 12.9771



7.2577, 7.4539, 7.4363



12.8146, 8.2031, 0.9079



0.3113, 0.2563, 0.0331

Inverse Universe

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



19.3024, 22.4660, 37.9693



30.7992, 36.2492, 67.4296



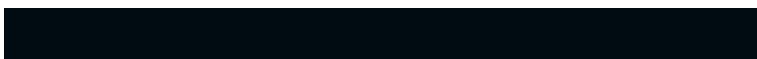
14.7250, 13.3112, 36.4435



7.0762, 7.6115, 8.9993



9.4027, 10.5848, 28.4773



0.2382, 0.3037, 0.6119

Previews

White Background



This preview shows how the XYZ color 22.4284, 19.8113, 11.2362 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 22.4284, 19.8113, 11.2362 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 22.4284, 19.8113, 11.2362

Background



This preview shows how black text looks on a background with the XYZ color 22.4284, 19.8113, 11.2362.



This preview shows how white text looks on a background with the XYZ color 22.4284, 19.8113,

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

22.4284, 19.8113, 11.2362

Protanopia

18.6013, 19.8906, 12.5317

Deuteranopia

20.2914, 19.8929, 11.1577



Tritanopia

24.0781, 19.8602, 18.7840

Trichromacy



Original Color

22.4284, 19.8113, 11.2362

Protanomaly

19.8599, 19.8275, 12.0129

Deuteranomaly

20.8678, 19.6739, 11.0851

Tritanomaly

23.3783, 19.7239, 15.6716

Monochromacy



Original Color

22.4284, 19.8113, 11.2362

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.8925, 19.7227, 17.5103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4284, 19.8113, 11.2362 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(163, 111, 85)` looks like.

```
.text, #text, p{  
    color:rgb(163, 111, 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(163, 111, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 111, 85) }
```

Border

The CSS property to change the border of an element to XYZ 22.4284, 19.8113, 11.2362 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(163, 111, 85) }
```


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

```
.border{ border-color:rgb(163, 111, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 111, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 111, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 111, 85);  
box-shadow:4px 4px 4px 4px rgb(163, 111,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4284, 19.8113, 11.2362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 111, 85) }
```

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

```
.background{ background-color: rgb(163,  
111, 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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