

Converting Colors

XYZ(22.1343, 17.4618, 15.5685)

Have a look what the booklet for
XYZ(22.1343, 17.4618, 15.5685)
contains.

XYZ(22.1343, 17.4618, 15.5685)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.1343, 17.4618,
15.5685)**

Conversions

Conversions Part 1

Format	Color
Hex	A46169
RGB	164, 97, 105
RGB Percent	64%, 38%, 41%
CMY	0.3569, 0.6196, 0.5882
CMYK	0.00, 0.41, 0.36, 0.36
HSL	353°, 27%, 51%
HSV	353°, 41%, 64%
XYZ	22.1343, 17.4618, 15.5685
YIQ	117.9450, 37.3640, 16.6920

Conversions

Conversions Part 2

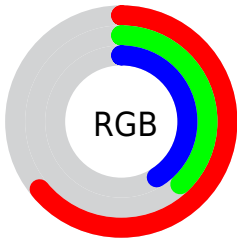
Format	Color
R_{YB}	164, 97, 105
Decimal	10772841
CIE _{Lab}	48.84, 28.15, 7.20
CIE _{LCh}	49, 29.057, 14.357
Yxy	17.4618, 0.4012, 0.3165
Android (android.graphics.Color)	4288962921 (0xFFA46169)
YUV	117.9450, -6.3819, 40.3902
Hunter-Lab	41.7873, 21.4218, 7.1617

Details

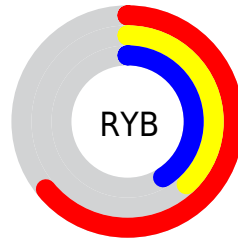
The XYZ color **22.1343, 17.4618, 15.5685** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.2067, 31.4929, 36.2569**, and the grayscale version is **17.2143, 18.1107, 19.7226**.

A 20% lighter version of the original color is **46.5670, 39.2673, 36.5775**, and **8.2924, 5.8171, 4.6887** is the 20% darker color. If you saturate the color by 10%, you get **20.0923, 14.4665, 11.5313**, and if you desaturate by 10%, it is **24.6166, 21.1358, 20.3749**.

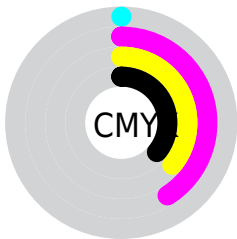
Distribution



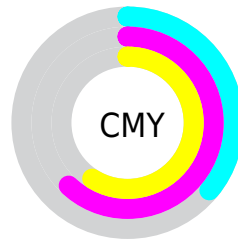
- Red (64%)
- Green (38%)
- Blue (41%)



- Red (64%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (41%)
- Yellow (36%)
- Black (36%)





- Cyan (36%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.1343, 17.4618, 15.5685 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 22.1343, 17.4618, 15.5685 by changing the saturation by 10% instead.


 22.1343, 17.4618,
15.5685


 22.1343, 17.4618,
15.5685


255.8660,
237.8197, 238.5400


 14.0728, 10.5643,
9.0683


 46.4451, 39.1181,
36.6038


 8.2533, 5.7747,
4.6883


 63.4250, 54.6456,
51.9759

 4.3106, 2.7086,
2.0101

 84.1085, 73.8187,
71.1425

 1.8793, 0.9815,
0.5615

 108.8608, 97.0216,
94.5219

 0.5648, 0.0000,
0.0000

138.0474,
124.6387, 122.5329

 0.0000, 0.0000,
0.0000

172.0335,

157.0545, 155.5939

211.1846,
194.6534, 194.1234

■ 22.1343, 17.4618,
15.5685

■ 22.1343, 17.4618,
15.5685

■ 20.0923, 14.4665,
11.5313

■ 24.6166, 21.1358,
20.3749

■ 18.4633, 12.1058,
8.2221

■ 27.5616, 25.5238,
25.9865

■ 17.2193, 10.3347,
5.5978


■ 30.9916, 30.6619,
32.4384


■ 16.3282, 9.1008,
3.6098

■ 34.9272, 36.5828,
39.7632


■ 15.7523, 8.3429,
2.2034

■ 39.3879, 43.3173,
47.9918

 15.4323, 7.9415,
1.3616

 44.3920, 50.8947,
57.1536

 49.9570, 59.3428,
67.2766

 56.0995, 68.6879,
78.3878

 62.8357, 78.9554,
90.5130

Harmonies

Analogous

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



22.0979, 17.4618, 23.2976



22.1343, 17.4618, 15.5685



20.5804, 17.4618, 10.4171

Triad

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



22.1343, 17.4618, 15.5685



13.2343, 17.4618, 10.2602



15.2397, 17.4618, 37.1619

Complementary

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



22.1343, 17.4618, 15.5685



24.2067, 31.4929, 36.2569

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.



13.1638, 17.4618, 31.3761



22.1343, 17.4618, 15.5685



12.0942, 17.4618, 15.2887

Square

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



22.1343, 17.4618, 15.5685



15.3461, 17.4618, 7.9629



12.0699, 17.4618, 22.9313



17.9139, 17.4618, 37.2968

Rectangle

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



22.1343, 17.4618, 15.5685



18.9396, 17.4618, 8.5344



12.0699, 17.4618, 22.9313



14.4558, 17.4618, 35.7557

Sweetspot

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



22.1348, 17.4627, 15.5688



55.3455, 54.2915, 57.1785



24.5064, 18.2058, 37.3443



11.9275, 11.6110, 12.1776



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.



22.1348, 17.4627, 15.5688



36.7830, 26.7147, 21.5553



24.3745, 22.5692, 14.3820



7.1066, 7.0991, 7.5476



11.8428, 6.0932, 1.0966



0.2583, 0.1318, 0.0730

Inverse Universe

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



22.1348, 17.4627, 15.5688



36.7830, 26.7147, 21.5553



20.9268, 23.8134, 38.6154



7.1066, 7.0991, 7.5476



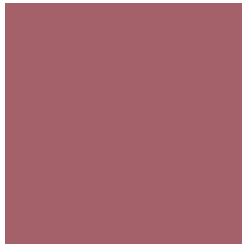
11.8428, 6.0932, 1.0966



0.2583, 0.1318, 0.0730

Previews

White Background



This preview shows how the XYZ color 22.1343, 17.4618, 15.5685 looks on a white background.

Color Contrast Check

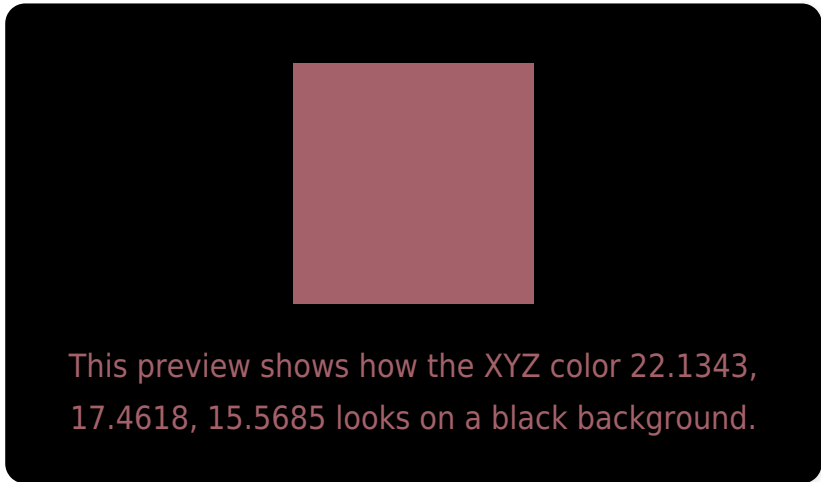
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1343, 17.4618, 15.5685

Background



This preview shows how black text looks on a background with the XYZ color 22.1343, 17.4618, 15.5685.



This preview shows how white text looks on a background with the XYZ color 22.1343, 17.4618,

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

22.1343, 17.4618, 15.5685

Protanopia

16.9477, 17.6505, 18.7333

Deuteranopia

17.8653, 17.5342, 15.0132



Tritanopia

22.0832, 17.4414, 15.2993

Trichromacy



Original Color

22.1343, 17.4618, 15.5685

Protanomaly

18.3296, 17.2359, 17.3997

Deuteranomaly

19.2075, 17.4240, 15.1828

Tritanomaly

22.0832, 17.4414, 15.2993

Monochromacy



Original Color

22.1343, 17.4618, 15.5685

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.5482, 17.4950, 18.0221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1343, 17.4618, 15.5685 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(164, 97, 105)` looks like.

```
.text, #text, p{  
    color:rgb(164, 97, 105)  
}
```

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(164, 97, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 97, 105) }
```

Border

The CSS property to change the border of an element to XYZ 22.1343, 17.4618, 15.5685 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(164, 97, 105) }
```


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

```
.border{ border-color:rgb(164, 97, 105) }
```

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

Here you see how a box with a 4 pixel rgb(164, 97, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 97, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 97, 105);  
box-shadow:4px 4px 4px 4px rgb(164, 97,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1343, 17.4618, 15.5685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 97, 105) }
```

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

```
.background{ background-color: rgb(164, 97,  
105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor