

Converting Colors

XYZ(22.2783, 19.5570, 13.6745)

Have a look what the booklet for
XYZ(22.2783, 19.5570, 13.6745)
contains.

XYZ(22.1845, 19.4700, 13.6552)	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(22.1845, 19.4700,
13.6552)**

Conversions

Conversions Part 1

Format	Color
Hex	A06E60
RGB	160, 110, 96
RGB Percent	63%, 43%, 38%
CMY	0.3725, 0.5686, 0.6235
CMYK	0.00, 0.31, 0.40, 0.37
HSL	13°, 25%, 50%
HSV	13°, 40%, 63%
XYZ	22.1845, 19.4700, 13.6552
YIQ	123.3540, 34.2940, 6.2460

Conversions

Conversions Part 2

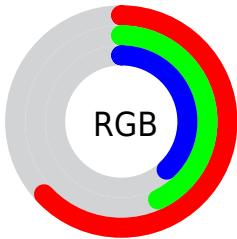
Format	Color
RYB	160, 114, 96
Decimal	10514016
CIELab	51.23, 18.06, 15.81
CIElCh	51, 23.998, 41.205
Yxy	19.4700, 0.4011, 0.3520
Android (android.graphics.Color)	4288704096 (0xFFA06E60)
YUV	123.3540, -13.4855, 32.1385
Hunter-Lab	44.1248, 12.5254, 12.5390

Details

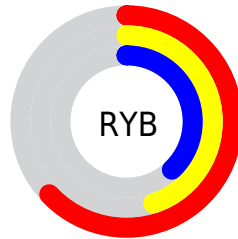
The XYZ color **22.1845, 19.4700, 13.6552** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.4476, 25.5817, 37.0651**, and the grayscale version is **18.9794, 19.9678, 21.7450**.

A 20% lighter version of the original color is **46.5057, 42.5462, 33.3649**, and **8.2422, 6.7397, 3.8841** is the 20% darker color. If you saturate the color by 10%, you get **20.2668, 16.6958, 9.7441**, and if you desaturate by 10%, it is **24.4434, 22.6865, 18.4202**.

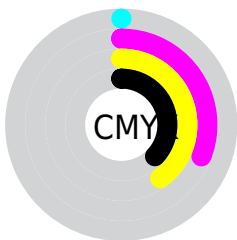
Distribution



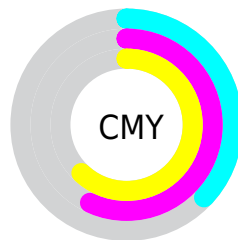
- Red (63%)
- Green (43%)
- Blue (38%)



- Red (63%)
- Yellow (45%)
- Blue (38%)



- Cyan (0%)
- Magenta (31%)
- Yellow (40%)
- Black (37%)





- Cyan (37%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.1845, 19.4700, 13.6552 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 22.1845, 19.4700, 13.6552 by changing the saturation by 10% instead.


 22.1845, 19.4700,
13.6552


 22.1845, 19.4700,
13.6552

256.1226,
249.0313, 226.4285


 14.1099, 12.0104,
7.7452


 46.5273, 42.5268,
33.1842

 8.2794, 6.7507,
3.8469


 63.5263, 58.8928,
47.6404

 4.3275, 3.3067,
1.5418

 84.2307, 78.9963,
65.7824

 1.8890, 1.2939,
0.2487

 109.0060,
103.2218, 88.0287

 0.5705, 0.1365,
0.0000

138.2174,
131.9536, 114.7980

 0.0000, 0.0000,
0.0000

172.2304,

165.5762, 146.5086

211.4104,
204.4740, 183.5793

■ 22.1845, 19.4700,
13.6552

■ 22.1845, 19.4700,
13.6552

■ 20.2668, 16.6958,
9.7441

■ 24.4434, 22.6865,
18.4202

■ 18.6717, 14.3417,
6.6348

■ 27.0579, 26.3608,
24.0845

■ 17.3810, 12.3876,
4.2714


■ 30.0433, 30.5111,
30.6918


■ 16.3742, 10.8104,
2.5902


■ 33.4135, 35.1536,
38.2825


■ 15.6277, 9.5849,
1.5167


■ 37.1817, 40.3040,
46.8947


 15.0985, 8.6762,
0.8789

 41.3606, 45.9770,
56.5644

 15.0985, 8.6762,
0.8789

 45.9621, 52.1869,
67.3259

 50.9979, 58.9474,
79.2120

 56.4790, 66.2717,
92.2540

Harmonies

Analogous

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



23.3916, 19.4700, 18.7426



22.1845, 19.4700, 13.6552



20.0267, 19.4700, 11.0184

Triad

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



22.1845, 19.4700, 13.6552



14.4857, 19.4700, 17.2341



19.4134, 19.4700, 36.9155

Complementary

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



22.1845, 19.4700, 13.6552



21.4476, 25.5817, 37.0651

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.



17.0636, 19.4700, 36.2663



22.1845, 19.4700, 13.6552



14.3523, 19.4700, 23.8622

Square

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



22.1845, 19.4700, 13.6552



15.6394, 19.4700, 12.7564



15.2578, 19.4700, 31.1096



21.7024, 19.4700, 32.7285

Rectangle

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



22.1845, 19.4700, 13.6552



18.4092, 19.4700, 10.5726



15.2578, 19.4700, 31.1096



18.6025, 19.4700, 37.2756

Sweetspot

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



22.1850, 19.4709, 13.6556



53.2803, 53.6408, 52.8973



23.8789, 17.9190, 29.4488



11.5392, 11.5618, 11.2769



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.1850, 19.4709, 13.6556



37.1438, 30.8185, 18.3833



26.2618, 27.6246, 15.0145



6.7449, 6.8698, 6.9562



11.7895, 6.8146, 0.6940



0.2383, 0.1768, 0.0216

Inverse Universe

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



21.4476, 25.5817, 37.0651



35.5946, 43.4423, 66.8957



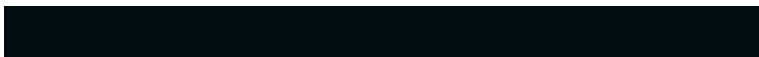
17.2016, 17.0898, 35.6498



6.6986, 7.2630, 8.4555



10.6879, 13.4674, 27.9434



0.2193, 0.2971, 0.5090

Previews

White Background



This preview shows how the XYZ color 22.1845, 19.4700, 13.6552 looks on a white background.

Color Contrast Check

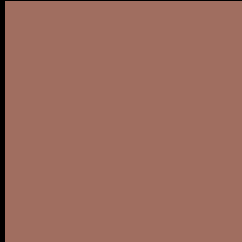
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1845, 19.4700, 13.6552 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 22.1845, 19.4700, 13.6552

Background



This preview shows how black text looks on a background with the XYZ color 22.1845, 19.4700, 13.6552.



This preview shows how white text looks on a background with the XYZ color 22.1845, 19.4700,

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

22.1845, 19.4700, 13.6552

Protanopia

18.4111, 19.5455, 15.3727

Deuteranopia

19.9284, 19.4781, 13.5358



Tritanopia

23.2525, 19.4346, 18.7454

Trichromacy



Original Color

22.1845, 19.4700, 13.6552

Protanomaly

19.5939, 19.4524, 14.7786

Deuteranomaly

20.6605, 19.3449, 13.4715

Tritanomaly

22.7673, 19.3849, 16.7291

Monochromacy



Original Color

22.1845, 19.4700, 13.6552

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.6124, 19.3834, 18.3305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1845, 19.4700, 13.6552 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(160, 110, 96)` looks like.

```
.text, #text, p{  
    color:rgb(160, 110, 96)  
}
```

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(160, 110, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 110, 96) }
```

Border

The CSS property to change the border of an element to XYZ 22.1845, 19.4700, 13.6552 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(160, 110, 96) }
```


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

```
.border{ border-color:rgb(160, 110, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 110, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 110, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 110, 96);  
box-shadow:4px 4px 4px 4px rgb(160, 110,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1845, 19.4700, 13.6552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 110, 96) }
```

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

```
.background{ background-color: rgb(160,  
110, 96) }
```

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