

Converting Colors

XYZ(22.0160, 17.6666, 16.1595)

Have a look what the booklet for
XYZ(22.0160, 17.6666, 16.1595)
contains.

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Color

**XYZ(22.0160, 17.6666,
16.1595)**

Conversions

Conversions Part 1

Format	Color
Hex	A2636B
RGB	162, 99, 107
RGB Percent	64%, 39%, 42%
CMY	0.3647, 0.6117, 0.5804
CMYK	0.00, 0.39, 0.34, 0.36
HSL	352°, 25%, 51%
HSV	352°, 39%, 64%
XYZ	22.0160, 17.6666, 16.1595
YIQ	118.7490, 34.9800, 15.8440

Conversions

Conversions Part 2

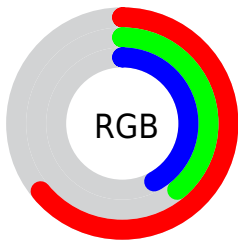
Format	Color
R_{YB}	162, 99, 107
Decimal	10642283
CIE _{Lab}	49.09, 26.51, 6.33
CIE _{LCh}	49, 27.259, 13.435
Yxy	17.6666, 0.3943, 0.3164
Android (android.graphics.Color)	4288832363 (0xFFA2636B)
YUV	118.7490, -5.7923, 37.9311
Hunter-Lab	42.0317, 19.9421, 6.6275

Details

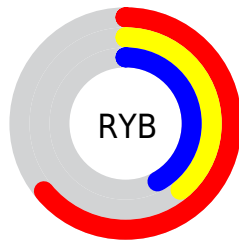
The XYZ color **22.0160, 17.6666, 16.1595** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.8995, 30.8269, 35.2642**, and the grayscale version is **17.4657, 18.3753, 20.0107**.

A 20% lighter version of the original color is **46.1516, 39.5073, 37.5410**, and **8.1838, 5.8820, 4.9790** is the 20% darker color. If you saturate the color by 10%, you get **19.9481, 14.6258, 12.0944**, and if you desaturate by 10%, it is **24.5145, 21.3736, 20.9690**.

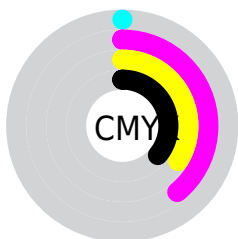
Distribution



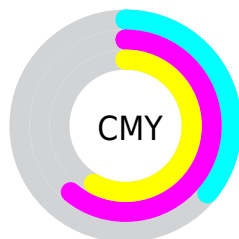
- Red (64%)
- Green (39%)
- Blue (42%)



- Red (64%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (39%)
- Yellow (34%)
- Black (36%)



- Cyan (36%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0160, 17.6666, 16.1595 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 22.0160, 17.6666, 16.1595 by changing the saturation by 10% instead.

■ 22.0160, 17.6666,
16.1595

■ 22.0160, 17.6666,
16.1595

255.2606,
238.9851, 242.1588

■ 13.9853, 10.7109,
9.4815

■ 46.2511, 39.4684,
37.6455

■ 8.1921, 5.8728,
4.9555

■ 63.1862, 55.0833,
53.2906

■ 4.2709, 2.7679,
2.1629

■ 83.8202, 74.3533,
72.7619

■ 1.8565, 1.0118,
0.6528

■ 108.5184, 97.6629,
96.4778

■ 0.5514, 0.0000,
0.0000

137.6462,
125.3965, 124.8569

■ 0.0000, 0.0000,
0.0000

171.5690,

157.9385, 158.3177

210.6520,
195.6732, 197.2789

■ 22.0160, 17.6666,
16.1595

■ 22.0160, 17.6666,
16.1595

■ 19.9481, 14.6258,
12.0944

■ 24.5145, 21.3736,
20.9690

■ 18.2849, 12.2092,
8.7354

■ 27.4646, 25.7802,
26.5567

■ 17.0000, 10.3740,
6.0423


■ 30.8877, 30.9211,
32.9552


■ 16.0632, 9.0712,
3.9703


■ 34.8034, 36.8274,
40.1953


■ 15.4395, 8.2433,
2.4691


■ 39.2302, 43.5288,
48.3060


 15.0661, 7.7790,
1.4735

 44.1857, 51.0533,
57.3150

 15.0317, 7.7339,
1.3890

 49.6865, 59.4274,
67.2486

 55.7486, 68.6767,
78.1322

 62.3872, 78.8255,
89.9902

Harmonies

Analogous

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



21.9332, 17.6666, 23.5153



22.0160, 17.6666, 16.1595



20.6023, 17.6666, 11.1186

Triad

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



22.0160, 17.6666, 16.1595



13.6463, 17.6666, 10.7471



15.4345, 17.6666, 36.0419

Complementary

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



22.0160, 17.6666, 16.1595



23.8995, 30.8269, 35.2642

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.



13.4824, 17.6666, 30.5721



22.0160, 17.6666, 16.1595



12.5237, 17.6666, 15.5100

Square

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



22.0160, 17.6666, 16.1595



15.6799, 17.6666, 8.5697



12.4669, 17.6666, 22.6799



17.9546, 17.6666, 36.3439

Rectangle

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



22.0160, 17.6666, 16.1595



19.0769, 17.6666, 9.2252



12.4669, 17.6666, 22.6799



14.6965, 17.6666, 34.6941

Sweetspot

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



22.0165, 17.6675, 16.1598



53.8997, 52.8640, 55.7783



24.2344, 18.3641, 36.4499



11.9326, 11.6130, 12.2045



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.



22.0165, 17.6675, 16.1598



36.5530, 27.0476, 22.6297



24.1249, 22.5267, 14.8820



7.1087, 7.0999, 7.5587



11.8517, 6.0967, 1.1439



0.2591, 0.1321, 0.0769

Inverse Universe

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



22.0165, 17.6675, 16.1598



36.5530, 27.0476, 22.6297



20.8861, 23.6983, 37.6560



7.1087, 7.0999, 7.5587



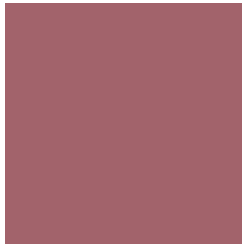
11.8517, 6.0967, 1.1439



0.2591, 0.1321, 0.0769

Previews

White Background



This preview shows how the XYZ color 22.0160, 17.6666, 16.1595 looks on a white background.

Color Contrast Check

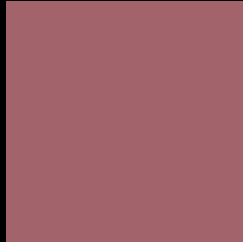
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.0160, 17.6666, 16.1595 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 22.0160, 17.6666, 16.1595

Background



This preview shows how black text looks on a background with the XYZ color 22.0160, 17.6666, 16.1595.



This preview shows how white text looks on a background with the XYZ color 22.0160, 17.6666,

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

22.0160, 17.6666, 16.1595

Protanopia

17.1799, 17.9289, 19.3848

Deuteranopia

18.1278, 17.8167, 15.8481



Tritanopia

21.9637, 17.6457, 15.8840

Trichromacy



Original Color

22.0160, 17.6666, 16.1595

Protanomaly

18.5482, 17.4950, 18.0221

Deuteranomaly

19.4657, 17.6950, 16.0252

Tritanomaly

21.9637, 17.6457, 15.8840

Monochromacy



Original Color

22.0160, 17.6666, 16.1595

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.8804, 17.9770, 18.6945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0160, 17.6666, 16.1595 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(162, 99, 107)` looks like.

```
.text, #text, p{  
    color:rgb(162, 99, 107)  
}
```

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(162, 99, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 99, 107) }
```

Border

The CSS property to change the border of an element to XYZ 22.0160, 17.6666, 16.1595 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(162, 99, 107) }
```


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

```
.border{ border-color:rgb(162, 99, 107) }
```

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

Here you see how a box with a 4 pixel rgb(162, 99, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 99, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 99, 107);  
box-shadow:4px 4px 4px 4px rgb(162, 99,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0160, 17.6666, 16.1595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 99, 107) }
```

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

```
.background{ background-color: rgb(162, 99,  
107) }
```

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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