

Converting Colors

XYZ(22.0406, 20.1952, 17.1002)

Have a look what the booklet for
XYZ(22.0406, 20.1952, 17.1002)
contains.

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Color

**XYZ(22.0279, 20.1379,
17.1940)**

Conversions

Conversions Part 1

Format	Color
Hex	99736D
RGB	153, 115, 109
RGB Percent	60%, 45%, 43%
CMY	0.4000, 0.5490, 0.5725
CMYK	0.00, 0.25, 0.29, 0.40
HSL	8°, 18%, 51%
HSV	8°, 29%, 60%
XYZ	22.0279, 20.1379, 17.1940
YIQ	125.6780, 24.5740, 6.1900

Conversions

Conversions Part 2

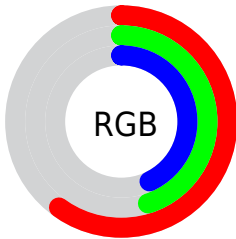
Format	Color
R _Y B	153, 116, 109
Decimal	10056557
CIE _{Lab}	51.99, 14.05, 9.13
CIE _{LCh}	52, 16.756, 33.002
Yxy	20.1379, 0.3711, 0.3393
Android (android.graphics.Color)	4288246637 (0xFF99736D)
YUV	125.6780, -8.2223, 23.9614
Hunter-Lab	44.8753, 9.0885, 8.6957

Details

The XYZ color **22.0279, 20.1379, 17.1940** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.4898, 26.4177, 34.0508**, and the grayscale version is **19.7435, 20.7717, 22.6204**.

A 20% lighter version of the original color is **46.1763, 43.5854, 39.2368**, and **8.2435, 7.1288, 5.4989** is the 20% darker color. If you saturate the color by 10%, you get **19.8748, 17.0369, 12.7604**, and if you desaturate by 10%, it is **24.5415, 23.7301, 22.4556**.

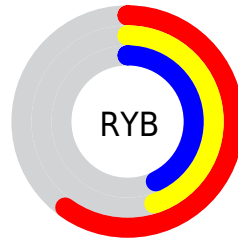
Distribution



Red (60%)

Green (45%)

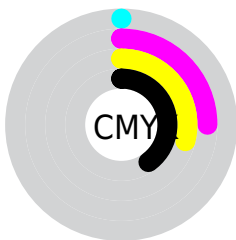
Blue (43%)



Red (60%)

Yellow (45%)

Blue (43%)

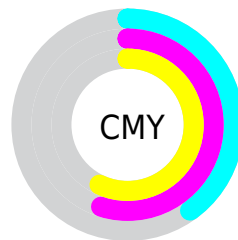


Cyan (0%)

Magenta (25%)

Yellow (29%)

Black (40%)



Cyan (40%)


Magenta (55%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.0279, 20.1379, 17.1940 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 22.0279, 20.1379, 17.1940 by changing the saturation by 10% instead.


 22.0279, 20.1379,
17.1940


 22.0279, 20.1379,
17.1940


255.3216,
252.6607, 248.3696


 13.9941, 12.4953,
10.2095


 46.2706, 43.6483,
39.4542

 8.1983, 7.0820,
5.4307


 63.2103, 60.2848,
55.5670

 4.2749, 3.5134,
2.4390

 83.8492, 80.6882,
75.5597

 1.8588, 1.4053,
0.8076

 108.5529,
105.2428, 99.8507

 0.5527, 0.2206,
0.0000

137.6866,
134.3329, 128.8587

 0.0000, 0.0000,
0.0000

171.6157,

168.3430, 163.0021

210.7056,
207.6574, 202.6996

■ 22.0279, 20.1379,
17.1940

■ 22.0279, 20.1379,
17.1940

■ 19.8748, 17.0369,
12.7604

■ 24.5415, 23.7301,
22.4556

■ 18.0639, 14.4030,
9.1113

■ 27.4294, 27.8305,
28.5831

■ 16.5779, 12.2143,
6.2013

■ 30.7067, 32.4591,
35.6135

■ 15.3973, 10.4461,
3.9796

■ 34.3873, 37.6336,
43.5815

■ 14.5003, 9.0711,
2.3891

■ 38.4842, 43.3711,
52.5198

■ 13.8623, 8.0588,
1.3635

■ 43.0100, 49.6879,
62.4595

■ 13.4442, 7.3702,
0.7686

■ 47.9767, 56.5996,
73.4304

■ 13.4028, 7.3041,
0.7034

■ 53.3958, 64.1213,
85.4609

■ 59.2783, 72.2674,
98.5786

Harmonies

Analogous

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



22.6097, 20.1379, 21.4381



22.0279, 20.1379, 17.1940



20.6698, 20.1379, 14.5708

Triad

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



22.0279, 20.1379, 17.1940



16.3617, 20.1379, 17.9294



19.3129, 20.1379, 32.7201

Complementary

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



22.0279, 20.1379, 17.1940



22.4898, 26.4177, 34.0508

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.



17.6885, 20.1379, 31.4166



22.0279, 20.1379, 17.1940



16.0456, 20.1379, 22.4228

Square

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



22.0279, 20.1379, 17.1940



17.4074, 20.1379, 14.9490



16.5171, 20.1379, 27.4569



20.9849, 20.1379, 30.7950

Rectangle

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



22.0279, 20.1379, 17.1940



19.5433, 20.1379, 13.8559



16.5171, 20.1379, 27.4569



18.7433, 20.1379, 32.6455

Sweetspot

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



22.0284, 20.1388, 17.1944



48.8917, 49.5139, 50.6958



23.8826, 19.8206, 30.2257



10.6340, 10.7040, 10.8494



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.0284, 20.1388, 17.1944



36.7093, 32.1235, 25.1340



24.8240, 25.7300, 18.1263



6.2734, 6.3519, 6.5012



11.0926, 6.0675, 0.5865



0.1812, 0.1214, 0.0139

Inverse Universe

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



22.4898, 26.4177, 34.0508



37.6780, 45.3767, 60.7447



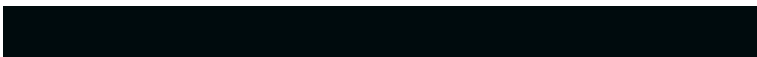
19.4071, 20.2523, 33.0232



6.3127, 6.8828, 7.9248



11.6034, 15.6035, 27.3079



0.1908, 0.2680, 0.4140

Previews

White Background



This preview shows how the XYZ color 22.0279, 20.1379, 17.1940 looks on a white background.

Color Contrast Check

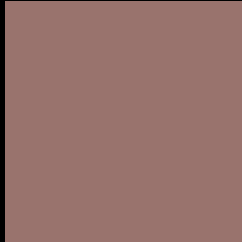
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0279, 20.1379, 17.1940 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 22.0279, 20.1379, 17.1940

Background



This preview shows how black text looks on a background with the XYZ color 22.0279, 20.1379, 17.1940.



This preview shows how white text looks on a background with the XYZ color 22.0279, 20.1379,

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

22.0279, 20.1379, 17.1940

Protanopia

19.2982, 20.2973, 18.8202

Deuteranopia

20.5786, 20.2664, 17.0146



Tritanopia

22.7444, 20.0854, 21.0905

Trichromacy



Original Color

22.0279, 20.1379, 17.1940

Protanomaly

20.2432, 20.2479, 18.1705

Deuteranomaly

21.0393, 20.1506, 16.9679

Tritanomaly

22.5546, 20.1890, 19.5377

Monochromacy



Original Color

22.0279, 20.1379, 17.1940

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.5030, 20.5094, 20.6474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0279, 20.1379, 17.1940 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(153, 115, 109)` looks like.

```
.text, #text, p{  
    color:rgb(153, 115, 109)  
}
```

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(153, 115, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 115, 109) }
```

Border

The CSS property to change the border of an element to XYZ 22.0279, 20.1379, 17.1940 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(153, 115, 109) }
```


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

```
.border{ border-color:rgb(153, 115, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 115, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 115, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 115, 109);  
box-shadow:4px 4px 4px 4px rgb(153, 115,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0279, 20.1379, 17.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 115, 109) }
```

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

```
.background{ background-color: rgb(153,  
115, 109) }
```

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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