

Converting Colors

XYZ(22.1400, 17.8916, 17.4472)

Have a look what the booklet for
XYZ(22.1400, 17.8916, 17.4472)
contains.

XYZ(22.1244, 17.8391, 17.3161)	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(22.1244, 17.8391,
17.3161)**

Conversions

Conversions Part 1

Format	Color
Hex	A1646F
RGB	161, 100, 111
RGB Percent	63%, 39%, 44%
CMY	0.3686, 0.6078, 0.5647
CMYK	0.00, 0.38, 0.31, 0.37
HSL	349°, 24%, 51%
HSV	349°, 38%, 63%
XYZ	22.1244, 17.8391, 17.3161
YIQ	119.4930, 32.8250, 16.3530

Conversions

Conversions Part 2

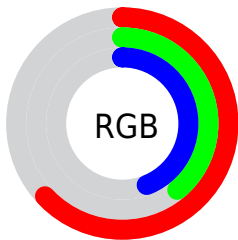
Format	Color
R_{YB}	161, 100, 111
Decimal	10577007
CIE _{Lab}	49.30, 26.11, 4.23
CIE _{LCh}	49, 26.446, 9.202
Yxy	17.8391, 0.3863, 0.3114
Android (android.graphics.Color)	4288767087 (0xFFA1646F)
YUV	119.4930, -4.1870, 36.4016
Hunter-Lab	42.2364, 19.5889, 5.2577

Details

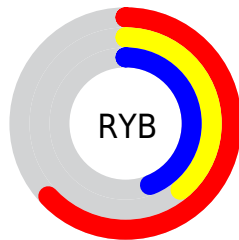
The XYZ color **22.1244, 17.8391, 17.3161** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.5063, 30.4016, 33.4850**, and the grayscale version is **17.6970, 18.6186, 20.2756**.

A 20% lighter version of the original color is **46.4544, 39.8525, 39.8942**, and **8.1886, 5.9407, 5.4177** is the 20% darker color. If you saturate the color by 10%, you get **20.0562, 14.7810, 13.3025**, and if you desaturate by 10%, it is **24.6061, 21.5522, 21.9976**.

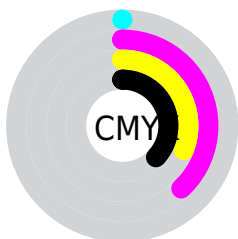
Distribution



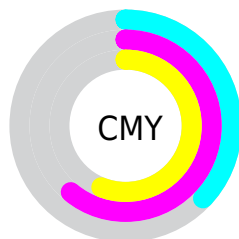
- Red (63%)
- Green (39%)
- Blue (44%)



- Red (63%)
- Yellow (39%)
- Blue (44%)



- Cyan (0%)
- Magenta (38%)
- Yellow (31%)
- Black (37%)



- Cyan (37%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1244, 17.8391, 17.3161 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 22.1244, 17.8391, 17.3161 by changing the saturation by 10% instead.

■ 22.1244, 17.8391,
17.3161

■ 22.1244, 17.8391,
17.3161

255.8154,
239.9626, 249.0928

■ 14.0655, 10.8345,
10.2958

■ 46.4288, 39.7630,
39.6665

■ 8.2482, 5.9557,
5.4873

■ 63.4050, 55.4511,
55.8337

■ 4.3073, 2.8181,
2.4723

■ 84.0844, 74.8024,
75.8870

■ 1.8774, 1.0375,
0.8254

■ 108.8322, 98.2015,
100.2448

■ 0.5637, 0.0000,
0.0000

138.0138,
126.0327, 129.3258

■ 0.0000, 0.0000,
0.0000

171.9947,

158.6803, 163.5484

211.1401,
196.5288, 203.3312

■ 22.1244, 17.8391,
17.3161

■ 22.1244, 17.8391,
17.3161

■ 20.0562, 14.7810,
13.3025

■ 24.6061, 21.5522,
21.9976

■ 18.3774, 12.3373,
9.9251

■ 27.5208, 25.9526,
27.3748

■ 17.0633, 10.4669,
7.1511


■ 30.8887, 31.0737,
33.4750


■ 16.0861, 9.1227,
4.9441


■ 34.7279, 36.9458,
40.3238


■ 15.4134, 8.2497,
3.2639


■ 39.0559, 43.5975,
47.9455


 14.9932, 7.7543,
2.0599

 43.8892, 51.0560,
56.3633

 14.9201, 7.6660,
1.8573

 49.2432, 59.3472,
65.5994

 55.1332, 68.4956,
75.6752

 61.5734, 78.5249,
86.6113

Harmonies

Analogous

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



21.8273, 17.8391, 24.7005



22.1244, 17.8391, 17.3161



20.9353, 17.8391, 11.9933

Triad

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



22.1244, 17.8391, 17.3161



14.1106, 17.8391, 10.6305



15.3145, 17.8391, 35.2348

Complementary

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



22.1244, 17.8391, 17.3161



23.5063, 30.4016, 33.4850

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.



13.5151, 17.8391, 29.4230



22.1244, 17.8391, 17.3161



12.8686, 17.8391, 14.9577

Square

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



22.1244, 17.8391, 17.3161



16.2027, 17.8391, 8.8031



12.6618, 17.8391, 21.6958



17.7313, 17.8391, 36.3101

Rectangle

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



22.1244, 17.8391, 17.3161



19.5222, 17.8391, 9.8792



12.6618, 17.8391, 21.6958



14.6243, 17.8391, 33.7128

Sweetspot

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



22.1249, 17.8400, 17.3165



53.2237, 52.4579, 56.1763



23.5348, 18.1551, 35.9823



11.5045, 11.2487, 12.0160



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.



22.1249, 17.8400, 17.3165



36.6168, 27.4976, 25.1962



23.6334, 21.7672, 15.0135



7.1235, 7.1059, 7.6368



11.9276, 6.1271, 1.5433



0.2643, 0.1342, 0.1044

Inverse Universe

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



22.1249, 17.8400, 17.3165



36.6168, 27.4976, 25.1962



21.3152, 24.5352, 37.3308



7.1235, 7.1059, 7.6368



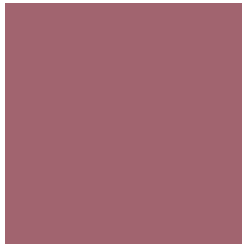
11.9276, 6.1271, 1.5433



0.2643, 0.1342, 0.1044

Previews

White Background



This preview shows how the XYZ color 22.1244, 17.8391, 17.3161 looks on a white background.

Color Contrast Check

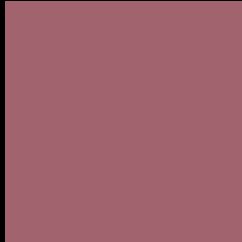
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1244, 17.8391, 17.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

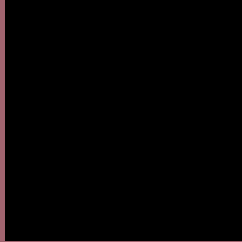
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.1244, 17.8391, 17.3161

Background



This preview shows how black text looks on a background with the XYZ color 22.1244, 17.8391, 17.3161.



This preview shows how white text looks on a background with the XYZ color 22.1244, 17.8391,

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

22.1244, 17.8391, 17.3161

Protanopia

17.4202, 18.0250, 20.6502

Deuteranopia

18.1812, 17.8199, 16.9493



Tritanopia

21.9619, 17.7741, 16.4606

Trichromacy



Original Color

22.1244, 17.8391, 17.3161

Protanomaly

18.7268, 17.7216, 19.2632

Deuteranomaly

19.5047, 17.6906, 17.1385

Tritanomaly

22.0154, 17.7955, 16.7425

Monochromacy



Original Color

22.1244, 17.8391, 17.3161

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.7781, 17.9176, 18.9917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1244, 17.8391, 17.3161 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(161, 100, 111)` looks like.

```
.text, #text, p{  
    color:rgb(161, 100, 111)  
}
```

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(161, 100, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 100, 111) }
```

Border

The CSS property to change the border of an element to XYZ 22.1244, 17.8391, 17.3161 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(161, 100, 111) }
```


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

```
.border{ border-color:rgb(161, 100, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 100, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 100, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 100, 111);  
box-shadow:4px 4px 4px 4px rgb(161, 100,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1244, 17.8391, 17.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 100, 111) }
```

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

```
.background{ background-color: rgb(161,  
100, 111) }
```

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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