

Converting Colors

XYZ(21.8274, 17.6968, 11.4148)

Have a look what the booklet for
XYZ(21.8274, 17.6968, 11.4148)
contains.

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Color

**XYZ(21.7403, 17.6276,
11.4891)**

Conversions

Conversions Part 1

Format	Color
Hex	A56358
RGB	165, 99, 88
RGB Percent	65%, 39%, 35%
CMY	0.3529, 0.6117, 0.6549
CMYK	0.00, 0.40, 0.47, 0.35
HSL	9°, 30%, 50%
HSV	9°, 47%, 65%
XYZ	21.7403, 17.6276, 11.4891
YIQ	117.4800, 42.8670, 10.5710

Conversions

Conversions Part 2

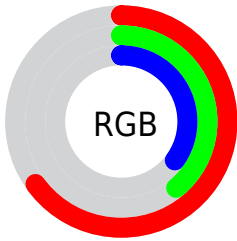
Format	Color
R_{YB}	165, 101, 88
Decimal	10838872
CIE Lab	49.04, 25.43, 17.63
CIE LCh	49, 30.946, 34.733
Yxy	17.6276, 0.4275, 0.3466
Android (android.graphics.Color)	4289028952 (0xFFA56358)
YUV	117.4800, -14.5336, 41.6750
Hunter-Lab	41.9852, 18.9546, 13.1652

Details

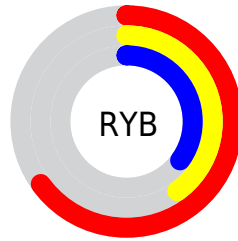
The XYZ color **21.7403, 17.6276, 11.4891** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.3709, 27.9010, 39.8035**, and the grayscale version is **17.0925, 17.9826, 19.5831**.

A 20% lighter version of the original color is **45.7783, 39.4978, 29.2558**, and **8.0503, 5.8571, 2.9917** is the 20% darker color. If you saturate the color by 10%, you get **19.9082, 14.9361, 7.8795**, and if you desaturate by 10%, it is **23.9627, 20.8520, 15.9923**.

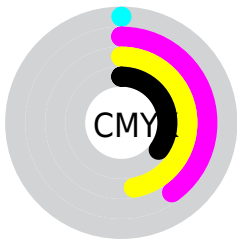
Distribution



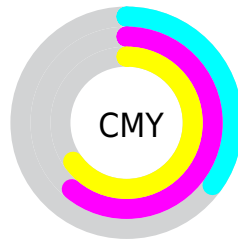
- Red (65%)
- Green (39%)
- Blue (35%)



- Red (65%)
- Yellow (40%)
- Blue (35%)



- Cyan (0%)
- Magenta (40%)
- Yellow (47%)
- Black (35%)



- Cyan (35%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7403, 17.6276, 11.4891 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 21.7403, 17.6276, 11.4891 by changing the saturation by 10% instead.

■ 21.7403, 17.6276,
11.4891

■ 21.7403, 17.6276,
11.4891

253.8450,
238.7636, 211.8495

■ 13.7817, 10.6830,
6.2785

■ 45.7984, 39.4017,
29.2115

■ 8.0497, 5.8541,
2.9437

■ 62.6287, 55.0000,
42.5603

■ 4.1788, 2.7565,
1.0659

■ 83.1470, 74.2516,
59.4591

■ 1.8038, 1.0060,
0.0000

■ 107.7185, 97.5410,
80.3262

■ 0.5200, 0.0000,
0.0000

■ 136.7088,
125.2524, 105.5803

■ 0.0000, 0.0000,
0.0000

170.4830,

157.7704, 135.6398

209.4066,
195.4793, 170.9234

■ 21.7403, 17.6276,
11.4891

■ 21.7403, 17.6276,
11.4891

■ 19.9082, 14.9361,
7.8795

■ 23.9627, 20.8520,
15.9923

■ 18.4421, 12.7462,
5.1028

■ 26.5949, 24.6332,
21.4423

■ 17.3174, 11.0273,
3.0921

■ 29.6568, 28.9968,
27.8895

■ 16.5054, 9.7443,
1.7700

■ 33.1666, 33.9661,
35.3801

■ 15.9694, 8.8559,
1.0256

■ 37.1413, 39.5630,
43.9578

■ 15.8350, 8.6354,
0.8322

■ 41.5973, 45.8084,
53.6634

■ 46.5498, 52.7223,
64.5360

■ 52.0138, 60.3236,
76.6126

■ 58.0032, 68.6307,
89.9284

Harmonies

Analogous

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



22.9144, 17.6276, 17.9121



21.7403, 17.6276, 11.4891



19.2361, 17.6276, 8.1116

Triad

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



21.7403, 17.6276, 11.4891



12.2213, 17.6276, 13.1786



17.2165, 17.6276, 39.7833

Complementary

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



21.7403, 17.6276, 11.4891



22.3709, 27.9010, 39.8035

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.



14.4961, 17.6276, 37.4473



21.7403, 17.6276, 11.4891



11.8111, 17.6276, 20.5345

Square

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



21.7403, 17.6276, 11.4891



13.7880, 17.6276, 8.8726



12.5960, 17.6276, 29.7446



20.1186, 17.6276, 35.4374

Rectangle

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



21.7403, 17.6276, 11.4891



17.2690, 17.6276, 7.3205



12.5960, 17.6276, 29.7446



16.2503, 17.6276, 39.7623

Sweetspot

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



21.7407, 17.6285, 11.4894



54.5537, 53.9753, 53.0070



24.9007, 17.3364, 32.9268



11.6577, 11.4186, 11.0172



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.



21.7407, 17.6285, 11.4894



35.5487, 26.5932, 13.9075



26.1910, 26.5289, 12.9728



7.1517, 7.2417, 7.4010



12.0028, 6.5796, 0.6374



0.2743, 0.1825, 0.0208

Inverse Universe

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



22.3709, 27.9010, 39.8035



36.7840, 47.2166, 70.9273



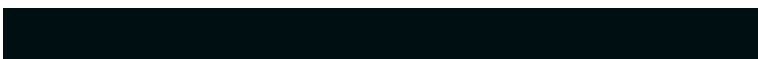
17.0884, 17.3360, 38.0426



7.1895, 7.8379, 9.0370



12.4181, 16.6156, 29.4824



0.2830, 0.3933, 0.6269

Previews

White Background



This preview shows how the XYZ color 21.7403, 17.6276, 11.4891 looks on a white background.

Color Contrast Check

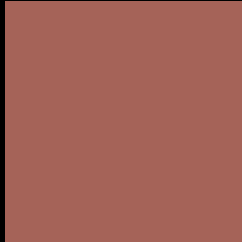
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7403, 17.6276, 11.4891 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 21.7403, 17.6276, 11.4891

Background



This preview shows how black text looks on a background with the XYZ color 21.7403, 17.6276, 11.4891.



This preview shows how white text looks on a background with the XYZ color 21.7403, 17.6276,

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

21.7403, 17.6276, 11.4891

Protanopia

16.7848, 17.8522, 13.6275

Deuteranopia

17.9551, 17.6635, 11.2672



Tritanopia

22.4993, 17.6559, 15.3188

Trichromacy



Original Color

21.7403, 17.6276, 11.4891

Protanomaly

18.1992, 17.4311, 12.7613

Deuteranomaly

19.1907, 17.4994, 11.3831

Tritanomaly

22.2982, 17.7242, 13.8011

Monochromacy



Original Color

21.7403, 17.6276, 11.4891

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.0090, 17.2608, 16.0182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7403, 17.6276, 11.4891 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(165, 99, 88)` looks like.

```
.text, #text, p{  
    color:rgb(165, 99, 88)  
}
```

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(165, 99, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 99, 88) }
```

Border

The CSS property to change the border of an element to XYZ 21.7403, 17.6276, 11.4891 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(165, 99, 88) }
```


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

```
.border{ border-color:rgb(165, 99, 88) }
```

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

Here you see how a box with a 4 pixel rgb(165, 99, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 99, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 99, 88);  
box-shadow:4px 4px 4px 4px rgb(165, 99,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7403, 17.6276, 11.4891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 99, 88) }
```

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

```
.background{ background-color: rgb(165, 99,  
88) }
```

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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