

Converting Colors

XYZ(22.6996, 17.7854, 13.5347)

Have a look what the booklet for
XYZ(22.6996, 17.7854, 13.5347)
contains.

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Color

**XYZ(22.7945, 17.8475,
13.5528)**

Conversions

Conversions Part 1

Format	Color
Hex	A96161
RGB	169, 97, 97
RGB Percent	66%, 38%, 38%
CMY	0.3373, 0.6196, 0.6196
CMYK	0.00, 0.43, 0.43, 0.34
HSL	0°, 30%, 52%
HSV	0°, 43%, 66%
XYZ	22.7945, 17.8475, 13.5528
YIQ	118.5280, 42.9120, 15.2640

Conversions

Conversions Part 2

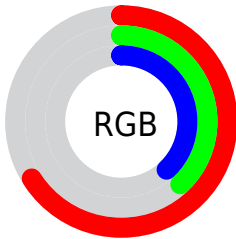
Format	Color
R_{YB}	169, 97, 97
Decimal	11100513
CIE Lab	49.31, 29.14, 12.75
CIE LCh	49, 31.802, 23.627
Yxy	17.8475, 0.4206, 0.3293
Android (android.graphics.Color)	4289290593 (0xFFA96161)
YUV	118.5280, -10.6133, 44.2639
Hunter-Lab	42.2463, 22.3808, 10.5519

Details

The XYZ color **22.7945, 17.8475, 13.5528** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.2783, 33.7801, 42.6711**, and the grayscale version is **17.4090, 18.3157, 19.9457**.

A 20% lighter version of the original color is **47.4568, 39.8018, 33.1982**, and **8.5939, 5.9303, 3.8237** is the 20% darker color. If you saturate the color by 10%, you get **20.6902, 14.7685, 9.3691**, and if you desaturate by 10%, it is **25.4002, 21.6606, 18.7322**.

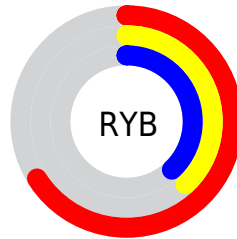
Distribution



Red (66%)

Green (38%)

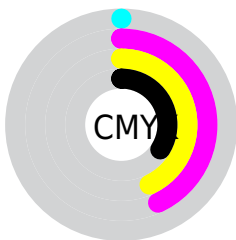
Blue (38%)



Red (66%)

Yellow (38%)

Blue (38%)

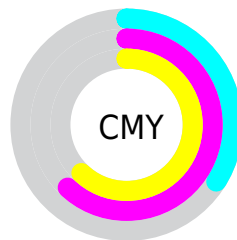


Cyan (0%)

Magenta (43%)

Yellow (43%)

Black (34%)



Cyan (34%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7945, 17.8475, 13.5528 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 22.7945, 17.8475, 13.5528 by changing the saturation by 10% instead.

■ 22.7945, 17.8475,
13.5528

■ 22.7945, 17.8475,
13.5528

259.2228,
240.0101, 225.7616

■ 14.5617, 10.8406,
7.6751

■ 47.5248, 39.7773,
32.9990

■ 8.5967, 5.9597,
3.8030

■ 64.7531, 55.4689,
47.4047

■ 4.5340, 2.8206,
1.5179

■ 85.7105, 74.8243,
65.4900

■ 2.0085, 1.0388,
0.2312

■ 110.7624, 98.2277,
87.6736

■ 0.6387, 0.0000,
0.0000

140.2743,
126.0636, 114.3741

■ 0.0000, 0.0000,
0.0000

174.6114,

158.7163, 146.0098

214.1391,
196.5704, 182.9995

■ 22.7945, 17.8475,
13.5528

■ 22.7945, 17.8475,
13.5528

■ 20.6902, 14.7685,
9.3691

■ 25.4002, 21.6606,
18.7322

■ 19.0539, 12.3741,
6.1163

■ 28.5352, 26.2480,
24.9644

■ 17.8503, 10.6128,
3.7236

■ 32.2269, 31.6501,
32.3035


■ 17.0383, 9.4246,
2.1097


■ 36.5006, 37.9036,
40.7994


■ 16.5693, 8.7382,
1.1775

■ 41.3797, 45.0432,
50.4991

 16.3622, 8.4352,
0.7658

 46.8868, 53.1014,
61.4471

 53.0428, 62.1094,
73.6853

 59.8681, 72.0966,
87.2540

 67.3819, 83.0913,
102.1915

Harmonies

Analogous

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



23.3424, 17.8475, 21.3182



22.7945, 17.8475, 13.5528



20.6064, 17.8475, 8.9620

Triad

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



22.7945, 17.8475, 13.5528



12.7428, 17.8475, 11.2128



16.3334, 17.8475, 40.8182

Complementary

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



22.7945, 17.8475, 13.5528



26.2783, 33.7801, 42.6711

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.



13.7775, 17.8475, 35.9330



22.7945, 17.8475, 13.5528



11.8675, 17.8475, 17.6621

Square

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



22.7945, 17.8475, 13.5528



14.7621, 17.8475, 7.9148



12.2228, 17.8475, 26.8068



19.3735, 17.8475, 38.7570

Rectangle

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



22.7945, 17.8475, 13.5528



18.6362, 17.8475, 7.5297



12.2228, 17.8475, 26.8068



15.3940, 17.8475, 39.8970

Sweetspot

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



22.7950, 17.8484, 13.5531



57.2704, 56.0303, 56.9662



27.7982, 19.8491, 39.9020



12.1598, 11.7400, 11.7747



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



22.7950, 17.8484, 13.5531



37.2879, 26.7902, 17.2420



26.9073, 26.0732, 14.9239



7.5312, 7.5424, 7.8482



12.1948, 6.2868, 0.5707



0.2967, 0.1530, 0.0139

Inverse Universe

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



26.2783, 33.7801, 42.6711



44.3523, 59.1007, 76.2951



20.4788, 22.1811, 40.7379



7.7475, 8.5320, 9.6568



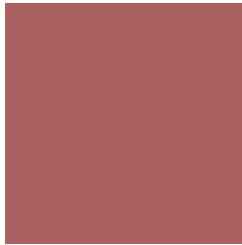
15.9102, 23.2806, 31.6305



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 22.7945, 17.8475, 13.5528 looks on a white background.

Color Contrast Check

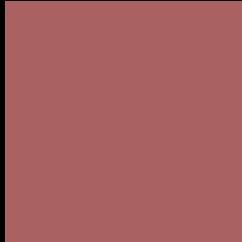
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7945, 17.8475, 13.5528 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 22.7945, 17.8475, 13.5528

Background



This preview shows how black text looks on a background with the XYZ color 22.7945, 17.8475, 13.5528.

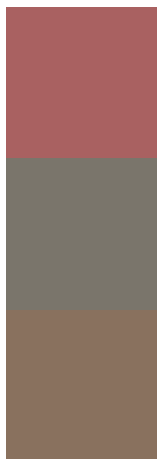


This preview shows how white text looks on a background with the XYZ color 22.7945, 17.8475,

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

22.7945, 17.8475, 13.5528

Protanopia

17.0412, 17.9217, 16.4710

Deuteranopia

18.2420, 17.9368, 13.0904



Tritanopia

22.9932, 17.7800, 15.0520

Trichromacy



Original Color

22.7945, 17.8475, 13.5528

Protanomaly

18.6716, 17.6201, 15.2489

Deuteranomaly

19.7177, 17.7312, 13.2097

Tritanomaly

22.8940, 17.7403, 14.5295

Monochromacy



Original Color

22.7945, 17.8475, 13.5528

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.8702, 17.8349, 17.4868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7945, 17.8475, 13.5528 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(169, 97, 97)` looks like.

```
.text, #text, p{  
    color:rgb(169, 97, 97)  
}
```

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(169, 97, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 97, 97) }
```

Border

The CSS property to change the border of an element to XYZ 22.7945, 17.8475, 13.5528 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(169, 97, 97) }
```


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

```
.border{ border-color:rgb(169, 97, 97) }
```

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

Here you see how a box with a 4 pixel rgb(169, 97, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 97, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 97, 97);  
box-shadow:4px 4px 4px 4px rgb(169, 97,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7945, 17.8475, 13.5528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 97, 97) }
```

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

```
.background{ background-color: rgb(169, 97,  
97) }
```

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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