

Converting Colors

XYZ(20.1542, 17.7182, 15.9523)

Have a look what the booklet for
XYZ(20.1542, 17.7182, 15.9523)
contains.

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Color

**XYZ(20.1500, 17.7382,
15.9975)**

Conversions

Conversions Part 1

Format	Color
Hex	956A6A
RGB	149, 106, 106
RGB Percent	58%, 42%, 42%
CMY	0.4157, 0.5843, 0.5843
CMYK	0.00, 0.29, 0.29, 0.42
HSL	0°, 17%, 50%
HSV	0°, 29%, 58%
XYZ	20.1500, 17.7382, 15.9975
YIQ	118.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

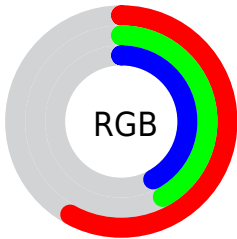
Format	Color
R_{YB}	149, 106, 106
Decimal	9792106
CIE Lab	49.18, 17.20, 6.84
CIE LCh	49, 18.511, 21.684
Yxy	17.7382, 0.3739, 0.3292
Android (android.graphics.Color)	4287982186 (0xFF956A6A)
YUV	118.8570, -6.3385, 26.4354
Hunter-Lab	42.1167, 11.6958, 6.9612

Details

The XYZ color **20.1500, 17.7382, 15.9975** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.1159, 26.7284, 32.4274**, and the grayscale version is **17.5035, 18.4150, 20.0540**.

A 20% lighter version of the original color is **43.2145, 39.7254, 37.2884**, and **7.2322, 5.8833, 4.8921** is the 20% darker color. If you saturate the color by 10%, you get **18.0372, 14.6467, 11.7968**, and if you desaturate by 10%, it is **22.6652, 21.4188, 20.9970**.

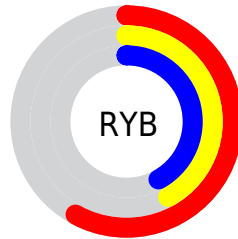
Distribution



Red (58%)

Green (42%)

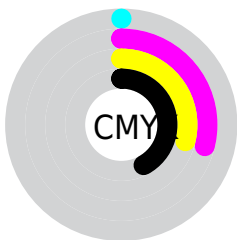
Blue (42%)



Red (58%)

Yellow (42%)

Blue (42%)

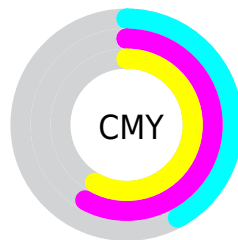


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (42%)



Cyan (42%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1500, 17.7382, 15.9975 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 20.1500, 17.7382, 15.9975 by changing the saturation by 10% instead.

■ 20.1500, 17.7382,
15.9975

■ 20.1500, 17.7382,
15.9975

245.5441,
239.3912, 241.1722

■ 12.6130, 10.7622,
9.3680

■ 43.1706, 39.5907,
37.3606

■ 7.2378, 5.9072,
4.8819

■ 59.3848, 55.2360,
52.9313

■ 3.6589, 2.7887,
2.1206

■ 79.2223, 74.5399,
72.3195

■ 1.5110, 1.0224,
0.6280

■ 103.0482, 97.8867,
95.9438

■ 0.3333, 0.0000,
0.0000

131.2280,
125.6608, 124.2227

■ 0.0000, 0.0000,
0.0000

164.1270,

158.2467, 157.5747

202.1106,
196.0287, 196.4183

■ 20.1500, 17.7382,
15.9975

■ 20.1500, 17.7382,
15.9975

■ 18.0372, 14.6467,
11.7968

■ 22.6652, 21.4188,
20.9970

■ 16.3046, 12.1114,
8.3525

■ 25.6006, 25.7141,
26.8325

■ 14.9301, 10.1000,
5.6201

■ 28.9747, 30.6514,
33.5402

■ 13.8886, 8.5760,
3.5497

■ 32.8045, 36.2554,
41.1539

■ 13.1518, 7.4979,
2.0853

■ 37.1061, 42.5498,
49.7054

■ 12.6870, 6.8177,
1.1613

■ 41.8948, 49.5569,
59.2253

■ 12.4224, 6.4304,
0.6353

■ 47.1851, 57.2980,
69.7424

■ 12.3946, 6.3898,
0.5801

■ 52.9910, 65.7937,
81.2848

■ 59.3260, 75.0635,
93.8789

Harmonies

Analogous

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



20.3770, 17.7382, 20.7275



20.1500, 17.7382, 15.9975



19.0115, 17.7382, 12.7513

Triad

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



20.1500, 17.7382, 15.9975



14.3776, 17.7382, 13.9800



16.3822, 17.7382, 30.3813

Complementary

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



20.1500, 17.7382, 15.9975



22.1159, 26.7284, 32.4274

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.



14.8766, 17.7382, 27.8123



20.1500, 17.7382, 15.9975



13.7723, 17.7382, 17.9661

Square

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



20.1500, 17.7382, 15.9975



15.6579, 17.7382, 11.7330



13.9485, 17.7382, 23.0596



18.1213, 17.7382, 29.6100

Rectangle

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



20.1500, 17.7382, 15.9975



17.9288, 17.7382, 11.5959



13.9485, 17.7382, 23.0596



15.8338, 17.7382, 29.8659

Sweetspot

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



20.1505, 17.7390, 15.9979



45.6646, 45.7833, 47.6905



22.9735, 18.8678, 30.8650



9.9557, 9.9059, 10.2424



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.1505, 17.7390, 15.9979



33.4183, 27.8636, 23.3454



22.6503, 22.7386, 16.8311



5.8008, 5.8154, 6.0572



10.4318, 5.3779, 0.4882



0.1277, 0.0658, 0.0060

Inverse Universe

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



22.1159, 26.7284, 32.4274



37.5613, 46.8122, 57.9772



19.0230, 20.5426, 31.3964



5.9641, 6.5622, 7.4220



13.6100, 19.9149, 27.0577



0.1666, 0.2438, 0.3312

Previews

White Background



This preview shows how the XYZ color 20.1500, 17.7382, 15.9975 looks on a white background.

Color Contrast Check

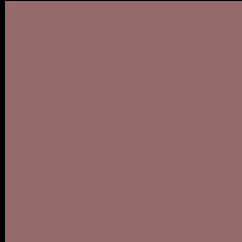
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1500, 17.7382, 15.9975 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 20.1500, 17.7382, 15.9975

Background



This preview shows how black text looks on a background with the XYZ color 20.1500, 17.7382, 15.9975.



This preview shows how white text looks on a background with the XYZ color 20.1500, 17.7382,

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

20.1500, 17.7382, 15.9975

Protanopia

17.1711, 17.9574, 17.8903

Deuteranopia

18.1278, 17.8167, 15.8481



Tritanopia

20.6099, 17.7794, 17.9683

Trichromacy



Original Color

20.1500, 17.7382, 15.9975

Protanomaly

18.0797, 17.7613, 17.2272

Deuteranomaly

18.7732, 17.6607, 15.7840

Tritanomaly

20.4437, 17.7130, 17.0933

Monochromacy



Original Color

20.1500, 17.7382, 15.9975

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.2605, 17.9954, 18.4306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1500, 17.7382, 15.9975 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(149, 106, 106)` looks like.

```
.text, #text, p{  
    color:rgb(149, 106, 106)  
}
```

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(149, 106, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 106, 106) }
```

Border

The CSS property to change the border of an element to XYZ 20.1500, 17.7382, 15.9975 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(149, 106, 106) }
```


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

```
.border{ border-color:rgb(149, 106, 106) }
```

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

Here you see how a box with a 4 pixel rgb(149, 106, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 106, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 106, 106);  
box-shadow:4px 4px 4px 4px rgb(149, 106,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1500, 17.7382, 15.9975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 106, 106) }
```

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

```
.background{ background-color: rgb(149,  
106, 106) }
```

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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