

Converting Colors

XYZ(19.4772, 18.4691, 17.8676)

Have a look what the booklet for
XYZ(19.4772, 18.4691, 17.8676)
contains.

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Color

**XYZ(19.4772, 18.4691,
17.8676)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7170
RGB	139, 113, 112
RGB Percent	55%, 44%, 44%
CMY	0.4549, 0.5568, 0.5608
CMYK	0.00, 0.19, 0.19, 0.45
HSL	2°, 11%, 49%
HSV	2°, 19%, 55%
XYZ	19.4772, 18.4691, 17.8676
YIQ	120.6600, 15.8170, 5.2010

Conversions

Conversions Part 2

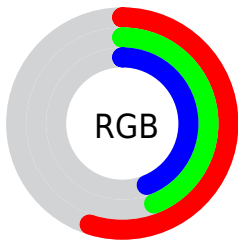
Format	Color
R_{YB}	139, 113, 112
Decimal	9138544
CIE _{Lab}	50.06, 10.04, 4.40
CIE _{LCh}	50, 10.961, 23.672
Yxy	18.4691, 0.3490, 0.3309
Android (android.graphics.Color)	4287328624 (0xFF8B7170)
YUV	120.6600, -4.2694, 16.0842
Hunter-Lab	42.9757, 5.6913, 5.4325

Details

The XYZ color **19.4772, 18.4691, 17.8676** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.4305, 23.4851, 27.8824**, and the grayscale version is **18.0745, 19.0158, 20.7082**.

A 20% lighter version of the original color is **42.1483, 40.9281, 40.8004**, and **6.8402, 6.2255, 5.6916** is the 20% darker color. If you saturate the color by 10%, you get **17.3777, 15.4143, 13.6396**, and if you desaturate by 10%, it is **21.9175, 22.0138, 22.7991**.

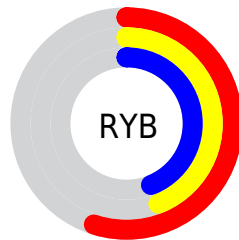
Distribution



Red (55%)

Green (44%)

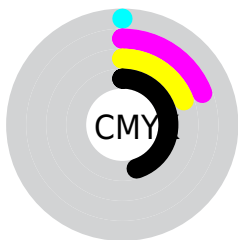
Blue (44%)



Red (55%)

Yellow (44%)

Blue (44%)

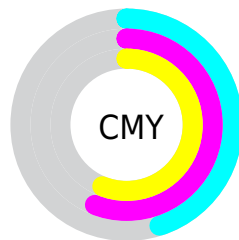


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (45%)



Cyan (45%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4772, 18.4691, 17.8676 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 19.4772, 18.4691, 17.8676 by changing the saturation by 10% instead.

■ 19.4772, 18.4691,
17.8676

■ 19.4772, 18.4691,
17.8676

241.9585,
243.5020, 252.3347

■ 12.1216, 11.2873,
10.6865

■ 42.0496, 40.8351,
40.6225

■ 6.8994, 6.2604,
5.7449

■ 57.9971, 56.7880,
57.0334

■ 3.4450, 3.0041,
2.6244

■ 77.5394, 76.4334,
77.3579

■ 1.3932, 1.1339,
0.9050

■ 101.0416,
100.1558, 102.0147

■ 0.2514, 0.0067,
0.0000

128.8694,
128.3394, 131.4222

■ 0.0000, 0.0000,
0.0000

161.3878,

161.3687, 165.9990

198.9624,
199.6281, 206.1637

■ 19.4772, 18.4691,
17.8676

■ 19.4772, 18.4691,
17.8676

■ 17.3777, 15.4143,
13.6396

■ 21.9175, 22.0138,
22.7991

■ 15.6023, 12.8256,
10.0821

■ 24.7111, 26.0659,
28.4629

■ 14.1354, 10.6807,
7.1608

■ 27.8720, 30.6454,
34.8876

■ 12.9593, 8.9548,
4.8384

■ 31.4126, 35.7700,
42.0999

■ 12.0547, 7.6204,
3.0733

■ 35.3451, 41.4570,
50.1252

■ 11.3999, 6.6469,
1.8188

■ 39.6810, 47.7228,
58.9878

■ 10.9699, 5.9992,
1.0206

■ 44.4312, 54.5829,
68.7110

■ 10.7163, 5.6195,
0.5429

■ 49.6065, 62.0527,
79.3171

■ 10.7035, 5.6010,
0.5170

■ 55.2169, 70.1465,
90.8276

Harmonies

Analogous

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



19.6473, 18.4691, 20.7565



19.4772, 18.4691, 17.8676



18.7829, 18.4691, 15.7856

Triad

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



19.4772, 18.4691, 17.8676



15.9712, 18.4691, 16.8627



17.3318, 18.4691, 26.4497

Complementary

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



19.4772, 18.4691, 17.8676



20.4305, 23.4851, 27.8824

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.



16.3806, 18.4691, 25.1591



19.4772, 18.4691, 17.8676



15.6156, 18.4691, 19.4765

Square

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



19.4772, 18.4691, 17.8676



16.7529, 18.4691, 15.2473



15.7624, 18.4691, 22.5320



18.3809, 18.4691, 25.9094

Rectangle

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



19.4772, 18.4691, 17.8676



18.1304, 18.4691, 15.0368



15.7624, 18.4691, 22.5320



16.9905, 18.4691, 26.2118

Sweetspot

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



19.4777, 18.4699, 17.8680



40.8269, 41.7105, 44.0221



21.0365, 18.9154, 26.6251



9.3452, 9.5208, 10.0176



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.4777, 18.4699, 17.8680



33.2762, 30.7424, 28.7629



21.0843, 21.6832, 18.4035



5.0468, 5.0764, 5.2663



9.6633, 5.0610, 0.4676



0.0659, 0.0370, 0.0037

Inverse Universe

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



20.4305, 23.4851, 27.8824



35.2826, 41.3048, 49.8560



18.6256, 19.8752, 27.2808



5.1572, 5.6573, 6.4260



11.8829, 17.0362, 24.7077



0.0812, 0.1178, 0.1649

Previews

White Background



This preview shows how the XYZ color 19.4772, 18.4691, 17.8676 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 19.4772, 18.4691, 17.8676 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 19.4772, 18.4691, 17.8676

Background



This preview shows how black text looks on a background with the XYZ color 19.4772, 18.4691, 17.8676.



This preview shows how white text looks on a background with the XYZ color 19.4772, 18.4691,

17.8676.

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

19.4772, 18.4691, 17.8676

Protanopia

17.7174, 18.5690, 18.8700

Deuteranopia

18.8869, 18.4997, 17.9046



Tritanopia

19.9996, 18.5199, 20.2899

Trichromacy



Original Color

19.4772, 18.4691, 17.8676

Protanomaly

18.3006, 18.5267, 18.5310

Deuteranomaly

19.0953, 18.4387, 17.8818

Tritanomaly

19.8203, 18.4481, 19.3458

Monochromacy



Original Color

19.4772, 18.4691, 17.8676

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.6505, 18.8541, 19.7957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4772, 18.4691, 17.8676 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(139, 113, 112)` looks like.

```
.text, #text, p{  
    color:rgb(139, 113, 112)  
}
```

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(139, 113, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 113, 112) }
```

Border

The CSS property to change the border of an element to XYZ 19.4772, 18.4691, 17.8676 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(139, 113, 112) }
```


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

```
.border{ border-color:rgb(139, 113, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 113, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 113, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 113, 112);  
box-shadow:4px 4px 4px 4px rgb(139, 113,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4772, 18.4691, 17.8676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 113, 112) }
```

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

```
.background{ background-color: rgb(139,  
113, 112) }
```

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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