

Converting Colors

XYZ(18.0066, 17.9247, 9.7220)

Have a look what the booklet for
XYZ(18.0066, 17.9247, 9.7220)
contains.

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Color

**XYZ(17.9277, 17.8493,
9.7081)**

Conversions

Conversions Part 1

Format	Color
Hex	8B714E
RGB	139, 113, 78
RGB Percent	55%, 44%, 31%
CMY	0.4549, 0.5568, 0.6941
CMYK	0.00, 0.19, 0.44, 0.45
HSL	34°, 28%, 43%
HSV	34°, 44%, 55%
XYZ	17.9277, 17.8493, 9.7081
YIQ	116.7840, 26.7310, -5.3730

Conversions

Conversions Part 2

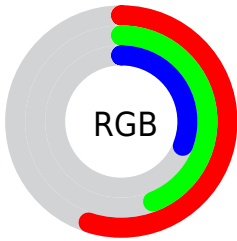
Format	Color
R_{YB}	123, 139, 78
Decimal	9138510
CIE Lab	49.31, 5.23, 23.26
CIE LCh	49, 23.840, 77.337
Yxy	17.8493, 0.3941, 0.3924
Android (android.graphics.Color)	4287328590 (0xFF8B714E)
YUV	116.7840, -19.1205, 19.4834
Hunter-Lab	42.2484, 1.8099, 15.9499

Details

The XYZ color **17.9277, 17.8493, 9.7081** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.7521, 13.3838, 26.3371**, and the grayscale version is **16.8935, 17.7733, 19.3551**.

A 20% lighter version of the original color is **39.5340, 39.9119, 25.6988**, and **6.0953, 5.9166, 2.2596** is the 20% darker color. If you saturate the color by 10%, you get **16.8417, 16.3924, 7.1420**, and if you desaturate by 10%, it is **19.1631, 19.4364, 12.8442**.

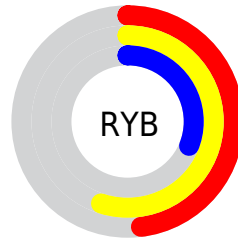
Distribution



Red (55%)

Green (44%)

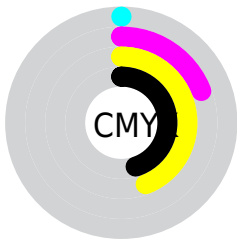
Blue (31%)



Red (48%)

Yellow (55%)

Blue (31%)

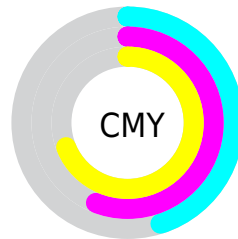


Cyan (0%)

Magenta (19%)

Yellow (44%)

Black (45%)



Cyan (45%)

Magenta (56%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9277, 17.8493, 9.7081 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 17.9277, 17.8493, 9.7081 by changing the saturation by 10% instead.

■ 17.9277, 17.8493,
9.7081

■ 17.9277, 17.8493,
9.7081

233.5167,
240.0203, 198.9844

■ 10.9975, 10.8418,
5.1028

■ 39.4451, 39.7804,
25.8442

■ 6.1324, 5.9606,
2.2479

■ 54.7631, 55.4728,
38.2120

■ 2.9672, 2.8211,
0.7018

■ 73.6076, 74.8290,
54.0044

■ 1.1364, 1.0391,
0.0000

■ 96.3441, 98.2333,
73.6400

■ 0.0553, 0.0000,
0.0000

■ 123.3378,
126.0702, 97.5372

■ 0.0000, 0.0000,
0.0000

154.9543,

158.7241, 126.1147

191.5588,
196.5793, 159.7909

■ 17.9277, 17.8493,
9.7081

■ 17.9277, 17.8493,
9.7081

■ 16.8417, 16.3924,
7.1420

■ 19.1631, 19.4364,
12.8442

■ 15.8964, 15.0587,
5.1092

■ 20.5534, 21.1550,
16.5816

■ 15.0837, 13.8446,
3.5706

■ 22.1056, 23.0100,
20.9506

■ 14.3943, 12.7447,
2.4808

■ 23.8256, 25.0049,
25.9793

■ 13.8168, 11.7532,
1.7845

■ 25.7192, 27.1431,
31.6939

■ 13.4987, 11.1915,
1.4487

■ 27.7916, 29.4279,
38.1193

■ 30.0482, 31.8626,
45.2789

■ 32.4937, 34.4501,
53.1954

■ 35.1329, 37.1935,
61.8903

Harmonies

Analogous

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



20.0568, 17.8493, 11.6979



17.9277, 17.8493, 9.7081



15.7131, 17.8493, 9.8730

Triad

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



17.9277, 17.8493, 9.7081



13.1747, 17.8493, 23.3499



20.3360, 17.8493, 29.0572

Complementary

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



17.9277, 17.8493, 9.7081



12.7521, 13.3838, 26.3371

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.



18.2822, 17.8493, 33.7588



17.9277, 17.8493, 9.7081



14.2089, 17.8493, 29.9978

Square

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



17.9277, 17.8493, 9.7081



13.0980, 17.8493, 16.8526



16.0378, 17.8493, 34.1367



21.5273, 17.8493, 22.2683

Rectangle

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



17.9277, 17.8493, 9.7081



14.4832, 17.8493, 11.1801



16.0378, 17.8493, 34.1367



19.7157, 17.8493, 30.9934

Sweetspot

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



17.9281, 17.8501, 9.7085



39.7641, 41.4149, 38.0267



15.8926, 11.9462, 14.6807



9.0284, 9.3849, 8.3775



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.



17.9281, 17.8501, 9.7085



30.1121, 29.2891, 12.6801



20.5886, 24.1605, 10.7863



5.2555, 5.4937, 5.3358



12.2005, 10.1353, 1.3133



0.0956, 0.0964, 0.0136

Inverse Universe

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



12.7521, 13.3838, 26.3371



19.5596, 20.1923, 46.6096



10.8702, 9.1099, 25.6114



4.9385, 5.2198, 6.3531



5.6451, 4.5605, 22.6284



0.0515, 0.0584, 0.1550

Previews

White Background



This preview shows how the XYZ color 17.9277, 17.8493, 9.7081 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 17.9277, 17.8493, 9.7081 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 17.9277, 17.8493, 9.7081

Background



This preview shows how black text looks on a background with the XYZ color 17.9277, 17.8493, 9.7081.



This preview shows how white text looks on a background with the XYZ color 17.9277, 17.8493,

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

17.9277, 17.8493, 9.7081

Protanopia

16.5617, 17.8138, 10.1549

Deuteranopia

18.1538, 17.8011, 9.6869



Tritanopia

19.8426, 17.8257, 18.9179

Trichromacy



Original Color

17.9277, 17.8493, 9.7081

Protanomaly

17.0167, 17.8806, 9.9516

Deuteranomaly

17.9845, 17.7138, 9.6790

Tritanomaly

19.1295, 17.8620, 15.0098

Monochromacy



Original Color

17.9277, 17.8493, 9.7081

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.1510, 17.8300, 15.3695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9277, 17.8493, 9.7081 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, 78)` looks like.

```
.text, #text, p{  
    color:rgb(139, 113, 78)  
}
```

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, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 113, 78) }
```

Border

The CSS property to change the border of an element to XYZ 17.9277, 17.8493, 9.7081 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, 78) }
```


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

```
.border{ border-color:rgb(139, 113, 78) }
```

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, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 113, 78); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 113, 78); box-shadow:4px 4px 4px 4px rgb(139, 113, 78) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9277, 17.8493, 9.7081 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, 78) }
```

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

```
.background{ background-color: rgb(139,  
113, 78) }
```

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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