

Converting Colors

XYZ(17.8946, 17.8475, 22.3172)

Have a look what the booklet for
XYZ(17.8946, 17.8475, 22.3172)
contains.

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Color

**XYZ(17.9227, 17.9054,
22.2501)**

Conversions

Conversions Part 1

Format	Color
Hex	7A737E
RGB	122, 115, 126
RGB Percent	48%, 45%, 49%
CMY	0.5216, 0.5490, 0.5059
CMYK	0.03, 0.09, 0.00, 0.51
HSL	278°, 5%, 47%
HSV	278°, 9%, 49%
XYZ	17.9227, 17.9054, 22.2501
YIQ	118.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

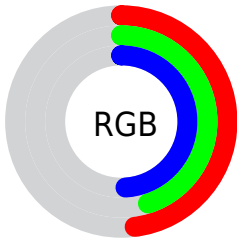
Format	Color
R_{YB}	122, 115, 126
Decimal	8024958
CIE _{Lab}	49.38, 4.90, -5.08
CIE _{LCh}	49, 7.059, 314.017
Yxy	17.9054, 0.3086, 0.3083
Android (android.graphics.Color)	4286215038 (0xFF7A737E)
YUV	118.3470, 3.7729, 3.2037
Hunter-Lab	42.3148, 1.5540, -1.5557

Details

The XYZ color **17.9227, 17.9054, 22.2501** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1637, 20.0819, 19.1394**, and the grayscale version is **17.3175, 18.2194, 19.8409**.

A 20% lighter version of the original color is **39.4110, 39.8908, 48.2703**, and **6.0944, 5.9666, 7.8516** is the 20% darker color. If you saturate the color by 10%, you get **15.9496, 14.8995, 21.7742**, and if you desaturate by 10%, it is **20.1239, 21.3214, 22.7937**.

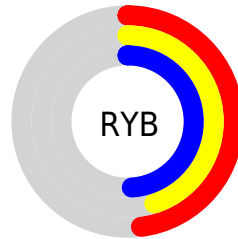
Distribution



Red (48%)

Green (45%)

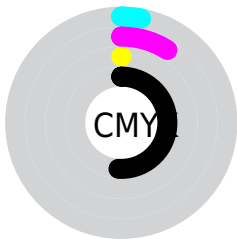
Blue (49%)



Red (48%)

Yellow (45%)

Blue (49%)

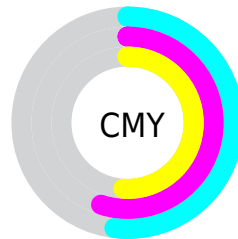


Cyan (3%)

Magenta (9%)

Yellow (0%)

Black (51%)



Cyan (52%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9227, 17.9054, 22.2501 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 17.9227, 17.9054, 22.2501 by changing the saturation by 10% instead.

■ 17.9227, 17.9054,
22.2501

■ 17.9227, 17.9054,
22.2501

233.4890,
240.3373, 276.8456

■ 10.9939, 10.8821,
13.8407

■ 39.4367, 39.8761,
48.0665

■ 6.1300, 5.9876,
7.8725

■ 54.7525, 55.5922,
66.3106

■ 2.9657, 2.8375,
3.9269

■ 73.5948, 74.9748,
88.6700

■ 1.1356, 1.0475,
1.5853

■ 96.3287, 98.4081,
115.5632

■ 0.0546, 0.0000,
0.2803

123.3198,
126.2766, 147.4089

■ 0.0000, 0.0000,
0.0000

154.9333,

158.9647, 184.6255

191.5345,
196.8568, 227.6315

■ 17.9227, 17.9054,
22.2501

■ 17.9227, 17.9054,
22.2501

■ 15.9496, 14.8995,
21.7742

■ 20.1239, 21.3214,
22.7937

■ 14.1946, 12.2854,
21.3621

■ 22.5594, 25.1605,
23.4064

■ 12.6494, 10.0467,
21.0114

■ 25.2374, 29.4376,
24.0908

■ 11.3045, 8.1650,
20.7191

■ 28.1648, 34.1665,
24.8493

■ 10.1496, 6.6203,
20.4818

■ 31.3485, 39.3602,
25.6839

■ 9.1732, 5.3906,
20.2959

■ 34.7951, 45.0313,
26.5969

■ 8.3627, 4.4512,
20.1573

■ 38.5108, 51.1919,
27.5902

■ 7.7034, 3.7734,
20.0612

■ 42.5019, 57.8535,
28.6657

■ 7.1563, 3.2800,
19.9948

■ 46.7740, 65.0274,
29.8252

Harmonies

Analogous

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



17.3302, 17.9054, 23.2696



17.9227, 17.9054, 22.2501



18.2778, 17.9054, 20.5219

Triad

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



17.9227, 17.9054, 22.2501



17.3731, 17.9054, 16.1828



15.8077, 17.9054, 20.3965

Complementary

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



17.9227, 17.9054, 22.2501



18.1637, 20.0819, 19.1394

Split Complementary

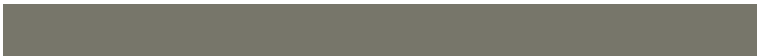
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.8185, 17.9054, 18.5047



17.9227, 17.9054, 22.2501



16.7107, 17.9054, 16.1541

Square

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



17.9227, 17.9054, 22.2501



17.9549, 17.9054, 17.0602



16.1453, 17.9054, 16.9790



16.1154, 17.9054, 22.1532

Rectangle

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



17.9227, 17.9054, 22.2501



18.3264, 17.9054, 19.2405



16.1453, 17.9054, 16.9790



15.7745, 17.9054, 19.7536

Sweetspot

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



17.9232, 17.9062, 22.2505



33.6902, 34.8298, 39.6915



17.4376, 18.3535, 22.3624



7.5994, 7.8233, 9.0126



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.9232, 17.9062, 22.2505



31.0003, 30.6764, 39.0316



18.4073, 18.1666, 21.7828



4.3512, 4.3367, 5.4210



7.2682, 3.3006, 20.5040



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.0653, 18.0298, 19.9814



31.2948, 30.9316, 34.3779



17.7113, 19.8388, 19.5623



4.3874, 4.3681, 4.8445



9.3275, 4.7507, 3.0481



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.9227, 17.9054, 22.2501 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 17.9227, 17.9054, 22.2501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

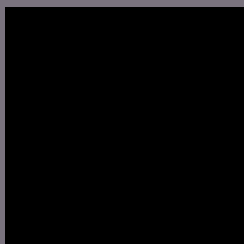
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

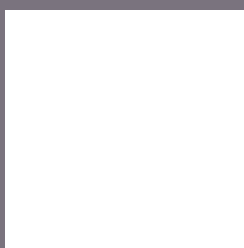
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9227, 17.9054, 22.2501

Background



This preview shows how black text looks on a background with the XYZ color 17.9227, 17.9054, 22.2501.



This preview shows how white text looks on a background with the XYZ color 17.9227, 17.9054,

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

17.9227, 17.9054, 22.2501

Protanopia

17.5282, 18.0368, 22.6363

Deuteranopia

18.2407, 17.9010, 22.2325



Tritanopia

17.7949, 17.8543, 21.5771

Trichromacy



Original Color

17.9227, 17.9054, 22.2501

Protanomaly

17.6839, 17.9450, 22.6104

Deuteranomaly

18.0954, 17.8261, 22.2257

Tritanomaly

17.8584, 17.8797, 21.9119

Monochromacy



Original Color

17.9227, 17.9054, 22.2501

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.4202, 18.0250, 20.6502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9227, 17.9054, 22.2501 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(122, 115, 126)` looks like.

```
.text, #text, p{  
    color:rgb(122, 115, 126)  
}
```

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(122, 115, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 115, 126) }
```

Border

The CSS property to change the border of an element to XYZ 17.9227, 17.9054, 22.2501 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(122, 115, 126) }
```


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

```
.border{ border-color:rgb(122, 115, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 115, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 115, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 115, 126);  
box-shadow:4px 4px 4px 4px rgb(122, 115,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9227, 17.9054, 22.2501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 115, 126) }
```

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

```
.background{ background-color: rgb(122,  
115, 126) }
```

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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