

Converting Colors

XYZ(17.5856, 22.4039, 28.9835)

Have a look what the booklet for
XYZ(17.5856, 22.4039, 28.9835)
contains.

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Color

**XYZ(17.5688, 22.4146,
28.9917)**

Conversions

Conversions Part 1

Format	Color
Hex	508C8E
RGB	80, 140, 142
RGB Percent	31%, 55%, 56%
CMY	0.6863, 0.4510, 0.4431
CMYK	0.44, 0.01, 0.00, 0.44
HSL	182°, 28%, 44%
HSV	182°, 44%, 56%
XYZ	17.5688, 22.4146, 28.9917
YIQ	122.2880, -36.4020, -12.0980

Conversions

Conversions Part 2

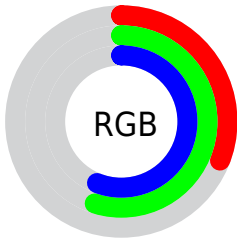
Format	Color
R_{YB}	80, 110, 142
Decimal	5278862
CIE _{Lab}	54.46, -18.90, -7.18
CIE _{LCh}	54, 20.221, 200.790
Yxy	22.4146, 0.2547, 0.3250
Android (android.graphics.Color)	4283468942 (0xFF508C8E)
YUV	122.2880, 9.7180, -37.0866
Hunter-Lab	47.3441, -16.6129, -3.1661

Details

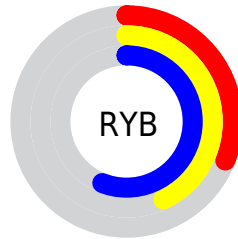
The XYZ color **17.5688, 22.4146, 28.9917** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.6209, 12.3648, 9.1532**, and the grayscale version is **18.5710, 19.5382, 21.2771**.

A 20% lighter version of the original color is **38.9285, 47.5556, 59.3520**, and **5.9888, 8.2917, 11.4100** is the 20% darker color. If you saturate the color by 10%, you get **16.4277, 21.7278, 28.9197**, and if you desaturate by 10%, it is **18.9649, 23.2344, 29.0767**.

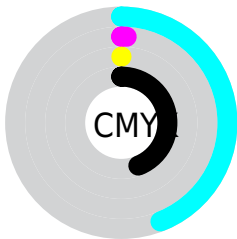
Distribution



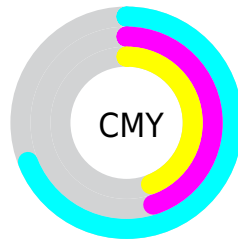
- Red (31%)
- Green (55%)
- Blue (56%)



- Red (31%)
- Yellow (43%)
- Blue (56%)



- Cyan (44%)
- Magenta (1%)
- Yellow (0%)
- Black (44%)



- Cyan (69%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5688, 22.4146, 28.9917 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 17.5688, 22.4146, 28.9917 by changing the saturation by 10% instead.

■ 17.5688, 22.4146,
28.9917

■ 17.5688, 22.4146,
28.9917

231.5221,
264.7038, 311.2355

■ 10.7387, 14.1619,
18.8290

■ 38.8371, 47.4303,
59.1059

■ 5.9574, 8.2333,
11.3712

■ 54.0059, 64.9620,
79.8946

■ 2.8596, 4.2446,
6.1998

■ 72.6850, 86.3556,
105.0622

■ 1.0800, 1.8113,
2.8962

■ 95.2397, 111.9953,
135.0275

■ 0.0082, 0.4942,
1.0419

■ 122.0355,
142.2656, 170.2090

■ 0.0000, 0.0000,
0.0000

153.4375,

177.5508, 211.0251

189.8113,
218.2354, 257.8944

■ 17.5688, 22.4146,
28.9917

■ 17.5688, 22.4146,
28.9917

■ 16.4277, 21.7278,
28.9197

■ 18.9649, 23.2344,
29.0767

■ 15.5235, 21.1630,
28.8583

■ 20.6288, 24.1920,
29.1739

■ 14.8390, 20.7118,
28.8073

■ 22.5746, 25.2955,
29.2843

■ 14.3536, 20.3637,
28.7657

■ 24.8150, 26.5512,
29.4086

■ 14.0427, 20.1060,
28.7323

■ 27.3620, 27.9654,
29.5473

■ 13.8885, 19.9649,
28.7132

■ 30.2267, 29.5438,
29.7010

■ 33.4198, 31.2919,
29.8701

■ 36.9515, 33.2150,
30.0552

■ 40.8315, 35.3180,
30.2566

Harmonies

Analogous

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



17.3741, 22.4146, 22.5067



17.5688, 22.4146, 28.9917



18.7261, 22.4146, 35.1182

Triad

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



17.5688, 22.4146, 28.9917



24.7744, 22.4146, 32.9485



21.9927, 22.4146, 14.2446

Complementary

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



17.5688, 22.4146, 28.9917



15.6209, 12.3648, 9.1532

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.



24.1092, 22.4146, 16.1287



17.5688, 22.4146, 28.9917



25.7868, 22.4146, 26.4086

Square

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



17.5688, 22.4146, 28.9917



22.8507, 22.4146, 37.6633



25.5352, 22.4146, 20.3307



19.8295, 22.4146, 14.6936

Rectangle

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



17.5688, 22.4146, 28.9917



19.9348, 22.4146, 37.8170



25.5352, 22.4146, 20.3307



22.7354, 22.4146, 14.6118

Sweetspot

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



17.5695, 22.4155, 28.9922



39.9521, 44.6870, 51.6476



14.4682, 21.6465, 11.2072



8.7617, 9.8898, 11.5266



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.



17.5695, 22.4155, 28.9922



29.0734, 38.3787, 51.0034



13.7636, 14.8037, 27.7236



5.5456, 6.0869, 6.9114



12.4723, 17.9306, 25.7807



0.1223, 0.1775, 0.2475

Inverse Universe

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



18.7582, 13.3821, 26.4062



31.4632, 20.4581, 45.7500



18.4016, 17.9262, 10.0801



5.6189, 5.5081, 6.7569



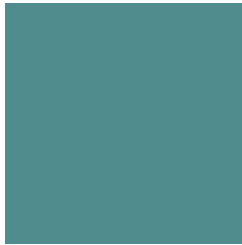
14.0986, 6.7964, 21.9681



0.1363, 0.0656, 0.2181

Previews

White Background



This preview shows how the XYZ color 17.5688, 22.4146, 28.9917 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 17.5688, 22.4146, 28.9917 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 17.5688, 22.4146, 28.9917

Background



This preview shows how black text looks on a background with the XYZ color 17.5688, 22.4146, 28.9917.

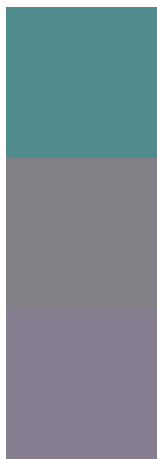


This preview shows how white text looks on a background with the XYZ color 17.5688, 22.4146,

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

17.5688, 22.4146, 28.9917

Protanopia

21.4294, 22.1956, 26.0764

Deuteranopia

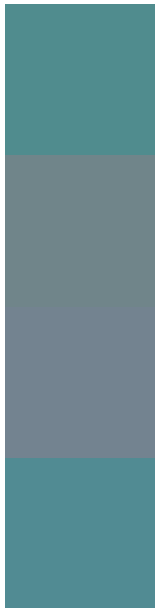
22.5634, 22.1169, 29.8678



Tritanopia

18.2173, 22.4611, 32.2294

Trichromacy



Original Color

17.5688, 22.4146, 28.9917

Protanomaly

19.6571, 22.0548, 27.2657

Deuteranomaly

20.2206, 21.8911, 29.5452

Tritanomaly

17.8924, 22.3212, 30.9691

Monochromacy



Original Color

17.5688, 22.4146, 28.9917

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.8761, 20.4113, 23.7665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5688, 22.4146, 28.9917 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(80, 140, 142)` looks like.

```
.text, #text, p{  
    color:rgb(80, 140, 142)  
}
```

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(80, 140, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 140, 142) }
```

Border

The CSS property to change the border of an element to XYZ 17.5688, 22.4146, 28.9917 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(80, 140, 142) }
```


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

```
.border{ border-color:rgb(80, 140, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 140, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 140, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 140, 142);  
box-shadow:4px 4px 4px 4px rgb(80, 140,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5688, 22.4146, 28.9917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 140, 142) }
```

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

```
.background{ background-color: rgb(80, 140,  
142) }
```

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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