

Converting Colors

XYZ(17.0739, 22.7817, 22.8862)

Have a look what the booklet for
XYZ(17.0739, 22.7817, 22.8862)
contains.

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Color

**XYZ(17.0308, 22.7115,
22.8882)**

Conversions

Conversions Part 1

Format	Color
Hex	548E7D
RGB	84, 142, 125
RGB Percent	33%, 56%, 49%
CMY	0.6706, 0.4431, 0.5098
CMYK	0.41, 0.00, 0.12, 0.44
HSL	162°, 26%, 44%
HSV	162°, 41%, 56%
XYZ	17.0308, 22.7115, 22.8882
YIQ	122.7200, -29.1110, -17.5830

Conversions

Conversions Part 2

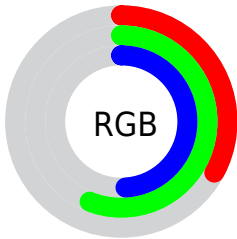
Format	Color
R_{YB}	84, 118, 142
Decimal	5541501
CIE _{Lab}	54.77, -23.18, 3.11
CIE _{LCh}	55, 23.384, 172.367
Yxy	22.7115, 0.2719, 0.3626
Android (android.graphics.Color)	4283731581 (0xFF548E7D)
YUV	122.7200, 1.1240, -33.9574
Hunter-Lab	47.6566, -19.6094, 4.8842

Details

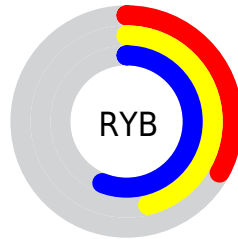
The XYZ color **17.0308, 22.7115, 22.8882** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.6753, 13.0315, 13.9491**, and the grayscale version is **18.7383, 19.7141, 21.4687**.

A 20% lighter version of the original color is **37.9292, 47.9284, 49.3715**, and **5.6728, 8.3273, 8.1458** is the 20% darker color. If you saturate the color by 10%, you get **15.6262, 22.0181, 21.4637**, and if you desaturate by 10%, it is **18.7055, 23.5441, 24.3845**.

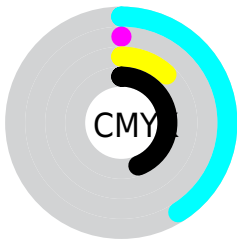
Distribution



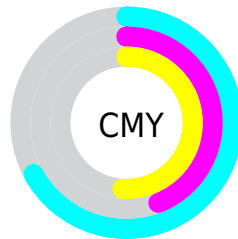
- Red (33%)
- Green (56%)
- Blue (49%)



- Red (33%)
- Yellow (46%)
- Blue (56%)



- Cyan (41%)
- Magenta (0%)
- Yellow (12%)
- Black (44%)



- Cyan (67%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0308, 22.7115, 22.8882 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 17.0308, 22.7115, 22.8882 by changing the saturation by 10% instead.

■ 17.0308, 22.7115,
22.8882

■ 17.0308, 22.7115,
22.8882

228.5026,
266.2397, 280.2535

■ 10.3519, 14.3806,
14.3065

■ 37.9219, 47.9192,
49.1306

■ 5.6969, 8.3859,
8.1929

■ 52.8648, 65.5648,
67.6282

■ 2.7006, 4.3428,
4.1291

■ 71.2931, 87.0841,
90.2683

■ 0.9975, 1.8671,
1.6964

■ 93.5721, 112.8614,
117.4693

■ 0.0000, 0.5285,
0.3583

■ 120.0672,
143.2813, 149.6498

■ 0.0000, 0.0000,
0.0000

151.1437,

178.7280, 187.2283

187.1671,
219.5860, 230.6234

■ 17.0308, 22.7115,
22.8882

■ 17.0308, 22.7115,
22.8882

■ 15.6262, 22.0181,
21.4637

■ 18.7055, 23.5441,
24.3845

■ 14.4740, 21.4529,
20.1080

■ 20.6630, 24.5205,
25.9525

■ 13.5573, 21.0079,
18.8201


■ 22.9172, 25.6486,
27.5939


■ 12.8562, 20.6728,
17.5983


■ 25.4807, 26.9348,
29.3100


■ 12.3477, 20.4357,
16.4408


■ 28.3653, 28.3852,
31.1020

 11.9920, 20.2743,
15.4341

 31.5823, 30.0056,
32.9710

 35.1422, 31.8013,
34.9183

 39.0552, 33.7778,
36.9450

 43.3311, 35.9399,
39.0520

Harmonies

Analogous

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



17.8891, 22.7115, 17.0242



17.0308, 22.7115, 22.8882



17.3137, 22.7115, 30.5431

Triad

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



17.0308, 22.7115, 22.8882



23.5313, 22.7115, 40.3439



24.7618, 22.7115, 15.0923

Complementary

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



17.0308, 22.7115, 22.8882



16.6753, 13.0315, 13.9491

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.



26.5104, 22.7115, 19.7039



17.0308, 22.7115, 22.8882



25.7614, 22.7115, 34.4652

Square

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



17.0308, 22.7115, 22.8882



20.9339, 22.7115, 41.6657



26.8900, 22.7115, 26.6659



22.2527, 22.7115, 13.1450

Rectangle

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



17.0308, 22.7115, 22.8882



18.1227, 22.7115, 35.5998



26.8900, 22.7115, 26.6659



25.4660, 22.7115, 16.3325

Sweetspot

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



17.0314, 22.7124, 22.8887



39.8202, 44.9312, 48.2430



16.6856, 22.7769, 11.9047



8.7928, 9.9848, 10.7035



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.



17.0314, 22.7124, 22.8887



27.7418, 38.9177, 38.0508



16.5752, 19.9105, 28.5618



5.4938, 6.0897, 6.5662



10.7749, 18.2058, 13.9004



0.1127, 0.1779, 0.1837

Inverse Universe

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



16.6753, 13.0315, 13.9491



27.0324, 19.4381, 20.0985



16.9027, 14.6844, 10.3313



5.4699, 5.4485, 5.9723



10.3923, 5.3139, 2.4513



0.1080, 0.0543, 0.0692

Previews

White Background



This preview shows how the XYZ color 17.0308, 22.7115, 22.8882 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 17.0308, 22.7115, 22.8882 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

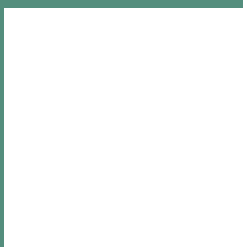
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0308, 22.7115, 22.8882

Background



This preview shows how black text looks on a background with the XYZ color 17.0308, 22.7115, 22.8882.

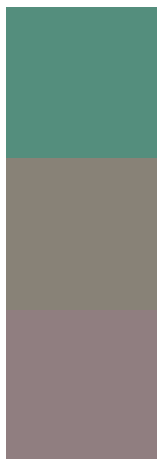


This preview shows how white text looks on a background with the XYZ color 17.0308, 22.7115,

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

17.0308, 22.7115, 22.8882

Protanopia

21.4657, 22.5314, 20.6704

Deuteranopia

22.8587, 22.4095, 23.5428



Tritanopia

18.8099, 22.5526, 32.2159

Trichromacy



Original Color

17.0308, 22.7115, 22.8882

Protanomaly

19.3124, 22.2126, 21.3587

Deuteranomaly

20.1081, 22.1724, 23.2986

Tritanomaly

18.0648, 22.4630, 28.5830

Monochromacy



Original Color

17.0308, 22.7115, 22.8882

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.9274, 20.6717, 22.1139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0308, 22.7115, 22.8882 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(84, 142, 125) looks like.

```
.text, #text, p{  
    color:rgb(84, 142, 125)  
}
```

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(84, 142, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 142, 125) }
```

Border

The CSS property to change the border of an element to XYZ 17.0308, 22.7115, 22.8882 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(84, 142, 125) }
```


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

```
.border{ border-color:rgb(84, 142, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 142, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 142, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 142, 125);  
box-shadow:4px 4px 4px 4px rgb(84, 142,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0308, 22.7115, 22.8882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 142, 125) }
```

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

```
.background{ background-color: rgb(84, 142,  
125) }
```

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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