

Converting Colors

XYZ(17.3991, 22.8617, 19.9758)

Have a look what the booklet for
XYZ(17.3991, 22.8617, 19.9758)
contains.

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Color

**XYZ(17.4415, 22.9866,
20.0406)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8E74
RGB	94, 142, 116
RGB Percent	37%, 56%, 45%
CMY	0.6314, 0.4431, 0.5451
CMYK	0.34, 0.00, 0.18, 0.44
HSL	147°, 20%, 46%
HSV	147°, 34%, 56%
XYZ	17.4415, 22.9866, 20.0406
YIQ	124.6840, -20.2620, -18.2620

Conversions

Conversions Part 2

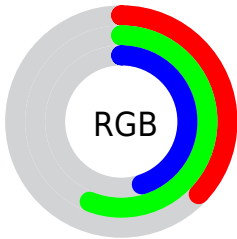
Format	Color
R_{YB}	94, 127, 142
Decimal	6196852
CIE _{Lab}	55.06, -22.16, 8.75
CIE _{LCh}	55, 23.821, 158.453
Yxy	22.9866, 0.2884, 0.3801
Android (android.graphics.Color)	4284386932 (0xFF5E8E74)
YUV	124.6840, -4.2812, -26.9099
Hunter-Lab	47.9443, -18.9667, 8.7780

Details

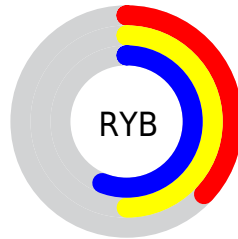
The XYZ color **17.4415, 22.9866, 20.0406** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.5490, 15.1129, 19.7097**, and the grayscale version is **19.4061, 20.4167, 22.2338**.

A 20% lighter version of the original color is **38.6619, 48.4180, 44.3537**, and **5.8667, 8.4574, 6.7921** is the 20% darker color. If you saturate the color by 10%, you get **15.6882, 22.1329, 17.7190**, and if you desaturate by 10%, it is **19.5011, 23.9951, 22.5710**.

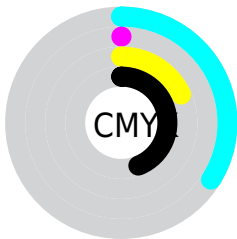
Distribution



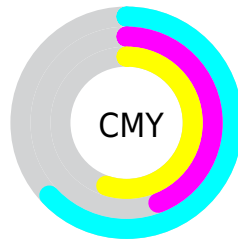
- Red (37%)
- Green (56%)
- Blue (45%)



- Red (37%)
- Yellow (50%)
- Blue (56%)



- Cyan (34%)
- Magenta (0%)
- Yellow (18%)
- Black (44%)



- Cyan (63%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4415, 22.9866, 20.0406 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 17.4415, 22.9866, 20.0406 by changing the saturation by 10% instead.

■ 17.4415, 22.9866,
20.0406

■ 17.4415, 22.9866,
20.0406

230.8109,
267.6562, 264.7463

■ 10.6470, 14.5836,
12.2402

■ 38.6209, 48.3713,
44.3451

■ 5.8955, 8.5277,
6.7830

■ 53.7366, 66.1219,
61.6863

■ 2.8217, 4.4344,
3.2504

■ 72.3566, 87.7570,
83.0448

■ 1.0602, 1.9194,
1.2238

■ 94.8465, 113.6612,
108.8392

■ 0.0000, 0.5600,
0.0000

121.5715,
144.2188, 139.4880

■ 0.0000, 0.0000,
0.0000

152.8970,

179.8143, 175.4098

189.1883,
220.8319, 217.0230

■ 17.4415, 22.9866,
20.0406

■ 17.4415, 22.9866,
20.0406

■ 15.6882, 22.1329,
17.7190

■ 19.5011, 23.9951,
22.5710

■ 14.2236, 21.4233,
15.5992

■ 21.8794, 25.1630,
25.3137

■ 13.0314, 20.8500,
13.6761


■ 24.5907, 26.4980,
28.2743


■ 12.0925, 20.4034,
11.9438


■ 27.6477, 28.0066,
31.4577


■ 11.3855, 20.0724,
10.3960


■ 31.0624, 29.6950,
34.8684

 10.8843, 19.8439,
9.0259

 34.8461, 31.5689,
38.5109

 10.6299, 19.7294,
8.2614

 39.0099, 33.6338,
42.3897

 43.5641, 35.8952,
46.5090

 48.5189, 38.3580,
50.8729

Harmonies

Analogous

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



18.8289, 22.9866, 15.2483



17.4415, 22.9866, 20.0406



17.1839, 22.9866, 27.2364

Triad

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



17.4415, 22.9866, 20.0406



22.6060, 22.9866, 42.4239



26.0881, 22.9866, 17.0033

Complementary

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



17.4415, 22.9866, 20.0406



18.5490, 15.1129, 19.7097

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.



27.2880, 22.9866, 22.9432



17.4415, 22.9866, 20.0406



25.1739, 22.9866, 38.2903

Square

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



17.4415, 22.9866, 20.0406



20.0289, 22.9866, 41.2108



26.9406, 22.9866, 30.7821



23.7742, 22.9866, 13.7574

Rectangle

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



17.4415, 22.9866, 20.0406



17.6658, 22.9866, 32.6482



26.9406, 22.9866, 30.7821



26.6433, 22.9866, 18.6975

Sweetspot

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



17.4421, 22.9875, 20.0411



40.2309, 45.1827, 46.4688



19.4955, 24.1769, 14.2292



8.8577, 10.0287, 10.2377



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.



17.4421, 22.9875, 20.0411



28.2259, 39.3014, 32.0150



18.9940, 23.6083, 28.2134



5.4392, 6.0679, 6.2789



9.5528, 17.7170, 7.4652



0.1022, 0.1738, 0.1288

Inverse Universe

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



18.5490, 15.1129, 19.7097



30.5011, 23.1077, 31.3283



17.2885, 14.6087, 13.0721



5.5234, 5.4699, 6.2540



11.2254, 5.6472, 6.8381



0.1185, 0.0584, 0.1240

Previews

White Background



This preview shows how the XYZ color 17.4415, 22.9866, 20.0406 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 17.4415, 22.9866, 20.0406 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 17.4415, 22.9866, 20.0406

Background



This preview shows how black text looks on a background with the XYZ color 17.4415, 22.9866, 20.0406.



This preview shows how white text looks on a background with the XYZ color 17.4415, 22.9866,

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

17.4415, 22.9866, 20.0406

Protanopia

21.4120, 22.7617, 18.0168

Deuteranopia

23.1319, 22.8066, 20.6357



Tritanopia

19.8801, 23.1136, 31.8473

Trichromacy



Original Color

17.4415, 22.9866, 20.0406

Protanomaly

19.6146, 22.6354, 18.6645

Deuteranomaly

20.4234, 22.3997, 20.3867

Tritanomaly

18.7850, 22.8681, 27.0908

Monochromacy



Original Color

17.4415, 22.9866, 20.0406

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.5686, 21.2151, 21.5286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4415, 22.9866, 20.0406 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(94, 142, 116)` looks like.

```
.text, #text, p{  
    color:rgb(94, 142, 116)  
}
```

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(94, 142, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 142, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.4415, 22.9866, 20.0406 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(94, 142, 116) }
```


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

```
.border{ border-color:rgb(94, 142, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 142, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 142, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 142, 116);  
box-shadow:4px 4px 4px 4px rgb(94, 142,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4415, 22.9866, 20.0406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 142, 116) }
```

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

```
.background{ background-color: rgb(94, 142,  
116) }
```

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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