

Converting Colors

XYZ(14.2050, 17.1180, 17.6701)

Have a look what the booklet for
XYZ(14.2050, 17.1180, 17.6701)
contains.

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Color

**XYZ(14.2208, 17.1496,
17.5996)**

Conversions

Conversions Part 1

Format	Color
Hex	5D796F
RGB	93, 121, 111
RGB Percent	36%, 47%, 44%
CMY	0.6353, 0.5255, 0.5647
CMYK	0.23, 0.00, 0.08, 0.53
HSL	159°, 13%, 42%
HSV	159°, 23%, 47%
XYZ	14.2208, 17.1496, 17.5996
YIQ	111.4880, -13.4780, -9.0460

Conversions

Conversions Part 2

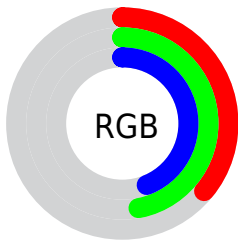
Format	Color
R_{YB}	93, 110, 121
Decimal	6125935
CIE Lab	48.45, -12.35, 2.17
CIE LCh	48, 12.543, 170.031
Yxy	17.1496, 0.2904, 0.3502
Android (android.graphics.Color)	4284316015 (0xFF5D796F)
YUV	111.4880, -0.2406, -16.2140
Hunter-Lab	41.4121, -11.1747, 3.7910

Details

The XYZ color **14.2208, 17.1496, 17.5996** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.2483, 12.8733, 14.5665**, and the grayscale version is **15.2552, 16.0497, 17.4781**.

A 20% lighter version of the original color is **33.0560, 38.4608, 40.3318**, and **4.3413, 5.5745, 5.5498** is the 20% darker color. If you saturate the color by 10%, you get **12.8595, 16.4751, 16.3238**, and if you desaturate by 10%, it is **15.7884, 17.9300, 18.9460**.

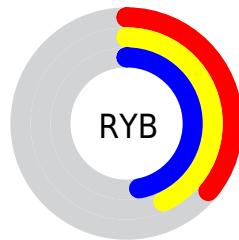
Distribution



Red (36%)

Green (47%)

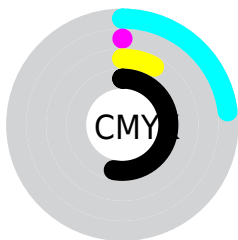
Blue (44%)



Red (36%)

Yellow (43%)

Blue (47%)

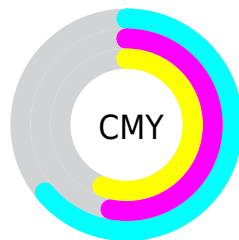


Cyan (23%)

Magenta (0%)

Yellow (8%)

Black (53%)



Cyan (64%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2208, 17.1496, 17.5996 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 14.2208, 17.1496, 17.5996 by changing the saturation by 10% instead.

■ 14.2208, 17.1496,
17.5996

■ 14.2208, 17.1496,
17.5996

212.0834,
236.0330, 250.7643

■ 8.3571, 10.3412,
10.4964

■ 33.0633, 38.5828,
40.1585

■ 4.3780, 5.6258,
5.6195

■ 46.7728, 53.9764,
56.4514

■ 1.9181, 2.6189,
2.5501

■ 63.8284, 73.0006,
76.6446

■ 0.5873, 0.9362,
0.8665

■ 84.5952, 96.0396,
101.1567

■ 0.0000, 0.0000,
0.0000

109.4388,
123.4780, 130.4061

138.7245,

155.7001, 164.8115

172.8175,
193.0903, 204.7914

■ 14.2208, 17.1496,
17.5996

■ 14.2208, 17.1496,
17.5996

■ 12.8595, 16.4751,
16.3238

■ 15.7884, 17.9300,
18.9460

■ 11.6938, 15.8997,
15.1160

■ 17.5696, 18.8187,
20.3629

■ 10.7142, 15.4190,
13.9754

■ 19.5729, 19.8206,
21.8520

■ 9.9099, 15.0272,
12.9005

■ 21.8060, 20.9395,
23.4144

■ 9.2686, 14.7184,
11.8899

■ 24.2764, 22.1794,
25.0512

■ 8.7768, 14.4853,
10.9420

■ 26.9909, 23.5437,
26.7635

■ 8.4173, 14.3192,
10.0551

■ 29.9564, 25.0359,
28.5524

■ 8.2051, 14.2223,
9.4796

■ 33.1792, 26.6594,
30.4190

■ 36.6656, 28.4172,
32.3641

Harmonies

Analogous

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



14.6659, 17.1496, 14.8984



14.2208, 17.1496, 17.5996



14.3125, 17.1496, 20.9239

Triad

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



14.2208, 17.1496, 17.5996



17.0683, 17.1496, 25.2663



17.7601, 17.1496, 14.2338

Complementary

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



14.2208, 17.1496, 17.5996



14.2483, 12.8733, 14.5665

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.



18.4638, 17.1496, 16.5896



14.2208, 17.1496, 17.5996



18.0516, 17.1496, 23.0367

Square

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



14.2208, 17.1496, 17.5996



15.9209, 17.1496, 25.6191



18.5730, 17.1496, 19.7892



16.6854, 17.1496, 13.1117

Rectangle

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



14.2208, 17.1496, 17.5996



14.6673, 17.1496, 23.0428



18.5730, 17.1496, 19.7892



18.0499, 17.1496, 14.8938

Sweetspot

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



14.2213, 17.1503, 17.6000



30.1275, 33.0319, 35.4240



14.4379, 17.3652, 12.9470



6.8587, 7.5378, 8.0760



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.2213, 17.1503, 17.6000



24.0657, 30.0157, 30.2300



14.3583, 16.4931, 20.5167



4.0492, 4.4893, 4.7927



8.7871, 15.2385, 10.1297



41.4983, 72.5224, 46.1236

Inverse Universe

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



14.2483, 12.8733, 14.5665



24.1240, 20.8782, 23.7524



14.1116, 13.3559, 12.1903



4.0520, 4.0365, 4.4713



8.9167, 4.5428, 2.8523



42.1608, 21.5207, 11.6428

Previews

White Background



This preview shows how the XYZ color 14.2208, 17.1496, 17.5996 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 14.2208, 17.1496, 17.5996 looks on a black 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

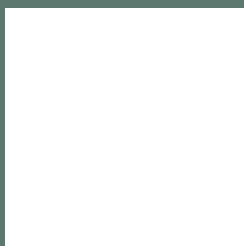
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2208, 17.1496, 17.5996

Background



This preview shows how black text looks on a background with the XYZ color 14.2208, 17.1496, 17.5996.

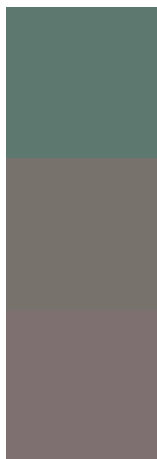


This preview shows how white text looks on a background with the XYZ color 14.2208, 17.1496,

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

14.2208, 17.1496, 17.5996

Protanopia

16.2789, 17.0181, 16.3367

Deuteranopia

17.2693, 16.9968, 17.9933



Tritanopia

15.3170, 17.2390, 22.9422

Trichromacy



Original Color

14.2208, 17.1496, 17.5996

Protanomaly

15.4985, 17.1203, 16.6750

Deuteranomaly

15.9948, 17.0087, 17.7692

Tritanomaly

14.9486, 17.2710, 20.9581

Monochromacy



Original Color

14.2208, 17.1496, 17.5996

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.7089, 16.3522, 17.4200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2208, 17.1496, 17.5996 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(93, 121, 111) looks like.

```
.text, #text, p{  
    color:rgb(93, 121, 111)  
}
```

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(93, 121, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 121, 111) }
```

Border

The CSS property to change the border of an element to XYZ 14.2208, 17.1496, 17.5996 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(93, 121, 111) }
```


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

```
.border{ border-color:rgb(93, 121, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 121, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 121, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 121, 111);  
box-shadow:4px 4px 4px 4px rgb(93, 121,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2208, 17.1496, 17.5996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 121, 111) }
```

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

```
.background{ background-color: rgb(93, 121,  
111) }
```

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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