

Converting Colors

XYZ(14.9858, 17.6208, 14.1666)

Have a look what the booklet for
XYZ(14.9858, 17.6208, 14.1666)
contains.

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Color

**XYZ(14.9858, 17.6208,
14.1666)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7962
RGB	106, 121, 98
RGB Percent	42%, 47%, 38%
CMY	0.5843, 0.5255, 0.6157
CMYK	0.12, 0.00, 0.19, 0.53
HSL	99°, 11%, 43%
HSV	99°, 19%, 47%
XYZ	14.9858, 17.6208, 14.1666
YIQ	113.8930, -1.5570, -10.3330

Conversions

Conversions Part 2

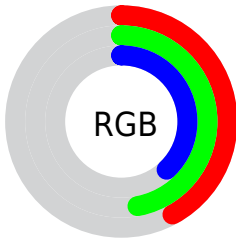
Format	Color
RYB	98, 121, 113
Decimal	6977890
CIELab	49.03, -10.20, 10.78
CIElCh	49, 14.841, 133.407
Yxy	17.6208, 0.3204, 0.3767
Android (android.graphics.Color)	4285167970 (0xFF6A7962)
YUV	113.8930, -7.8352, -6.9222
Hunter-Lab	41.9771, -9.7356, 9.3746

Details

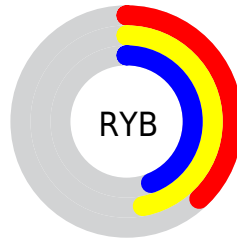
The XYZ color **14.9858, 17.6208, 14.1666** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6298, 13.6271, 19.9494**, and the grayscale version is **15.9856, 16.8181, 18.3149**.

A 20% lighter version of the original color is **34.2730, 39.2252, 34.1986**, and **4.7185, 5.8036, 4.0035** is the 20% darker color. If you saturate the color by 10%, you get **13.5621, 16.9485, 11.3397**, and if you desaturate by 10%, it is **16.5832, 18.3737, 17.4533**.

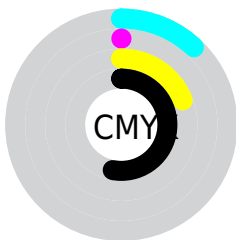
Distribution



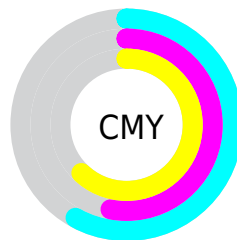
- Red (42%)
- Green (47%)
- Blue (38%)



- Red (38%)
- Yellow (47%)
- Blue (44%)



- Cyan (12%)
- Magenta (0%)
- Yellow (19%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9858, 17.6208, 14.1666 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 14.9858, 17.6208, 14.1666 by changing the saturation by 10% instead.

■ 14.9858, 17.6208,
14.1666

■ 14.9858, 17.6208,
14.1666

216.6703,
238.7249, 229.7292

■ 8.8957, 10.6781,
8.0966

■ 34.4001, 39.3901,
34.1057

■ 4.7298, 5.8508,
4.0681

■ 48.4550, 54.9855,
48.8119

■ 2.1227, 2.7546,
1.6628

■ 65.8956, 74.2339,
67.2338

■ 0.7015, 1.0050,
0.3351

■ 87.0871, 97.5197,
89.7901

■ 0.0000, 0.0000,
0.0000

112.3950,
125.2273, 116.8992

142.1846,

157.7411, 148.9797

176.8213,
195.4455, 186.4502

■ 14.9858, 17.6208,
14.1666

■ 14.9858, 17.6208,
14.1666

■ 13.5621, 16.9485,
11.3397

■ 16.5832, 18.3737,
17.4533

■ 12.3045, 16.3517,
8.9511

■ 18.3588, 19.2076,
21.2178

■ 11.2068, 15.8284,
6.9789

■ 20.3185, 20.1256,
25.4786

■ 10.2621, 15.3753,
5.3994

■ 22.4677, 21.1301,
30.2529

■ 9.4627, 14.9893,
4.1861

■ 24.8114, 22.2234,
35.5569

■ 8.8002, 14.6664,
3.3095

■ 27.3547, 23.4076,
41.4064

■ 8.2651, 14.4028,
2.7353

■ 30.1020, 24.6849,
47.8161

■ 7.8347, 14.1887,
2.3602

■ 33.0582, 26.0573,
54.8007

■ 7.7958, 14.1694,
2.3241

■ 36.2274, 27.5268,
62.3738

Harmonies

Analogous

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



16.1388, 17.6208, 12.6886



14.9858, 17.6208, 14.1666



14.3259, 17.6208, 17.0917

Triad

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



14.9858, 17.6208, 14.1666



15.9998, 17.6208, 27.4523



19.4712, 17.6208, 17.4733

Complementary

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



14.9858, 17.6208, 14.1666



14.6298, 13.6271, 19.9494

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.



19.4289, 17.6208, 21.4449



14.9858, 17.6208, 14.1666



17.3724, 17.6208, 27.5918

Square

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



14.9858, 17.6208, 14.1666



14.8889, 17.6208, 24.9117



18.6433, 17.6208, 25.2699



18.7558, 17.6208, 14.4127

Rectangle

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



14.9858, 17.6208, 14.1666



14.2305, 17.6208, 19.6424



18.6433, 17.6208, 25.2699



19.5462, 17.6208, 18.7369

Sweetspot

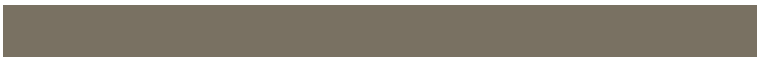
The Sweet Spot groups the original color and five complimentary colors.



14.9863, 17.6216, 14.1670



30.5705, 33.3124, 33.0912



15.9901, 16.7467, 13.9452



6.9556, 7.6008, 7.4940



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.



14.9863, 17.6216, 14.1670



25.6330, 30.9863, 22.9570



14.2460, 17.2207, 15.0013



4.0702, 4.5115, 4.2808



8.3425, 15.1780, 2.4899



38.9563, 71.9681, 11.8380

Inverse Universe

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



14.6298, 13.6271, 19.9494



24.8649, 22.3878, 35.4037



15.4969, 14.0982, 18.9050



4.0256, 4.0111, 5.0052



7.1348, 3.2509, 19.6367



33.0890, 15.0200, 93.6250

Previews

White Background



This preview shows how the XYZ color 14.9858, 17.6208, 14.1666 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 14.9858, 17.6208, 14.1666 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 14.9858, 17.6208, 14.1666

Background



This preview shows how black text looks on a background with the XYZ color 14.9858, 17.6208, 14.1666.



This preview shows how white text looks on a background with the XYZ color 14.9858, 17.6208,

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

14.9858, 17.6208, 14.1666

Protanopia

16.5251, 17.5463, 13.5821

Deuteranopia

17.7673, 17.4950, 14.4970



Tritanopia

16.5576, 17.5439, 22.2523

Trichromacy



Original Color

14.9858, 17.6208, 14.1666

Protanomaly

15.9722, 17.6018, 13.8649

Deuteranomaly

16.5512, 17.3733, 14.2854

Tritanomaly

15.9375, 17.4690, 19.0549

Monochromacy



Original Color

14.9858, 17.6208, 14.1666

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6236, 17.1848, 16.6809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9858, 17.6208, 14.1666 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(106, 121, 98)` looks like.

```
.text, #text, p{  
    color:rgb(106, 121, 98)  
}
```

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(106, 121, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 121, 98) }
```

Border

The CSS property to change the border of an element to XYZ 14.9858, 17.6208, 14.1666 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(106, 121, 98) }
```


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

```
.border{ border-color:rgb(106, 121, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 121, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 121, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 121, 98);  
box-shadow:4px 4px 4px 4px rgb(106, 121,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9858, 17.6208, 14.1666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 121, 98) }
```

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

```
.background{ background-color: rgb(106,  
121, 98) }
```

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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