

Converting Colors

XYZ(14.3630, 16.0904, 17.7117)

Have a look what the booklet for
XYZ(14.3630, 16.0904, 17.7117)
contains.

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Color

**XYZ(14.4222, 16.1980,
17.6956)**

Conversions

Conversions Part 1

Format	Color
Hex	657370
RGB	101, 115, 112
RGB Percent	40%, 45%, 44%
CMY	0.6039, 0.5490, 0.5608
CMYK	0.12, 0.00, 0.03, 0.55
HSL	167°, 6%, 42%
HSV	167°, 12%, 45%
XYZ	14.4222, 16.1980, 17.6956
YIQ	110.4720, -7.3810, -3.9010

Conversions

Conversions Part 2

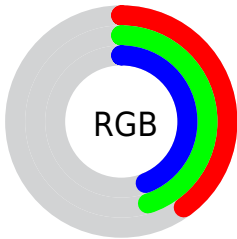
Format	Color
R_{YB}	101, 109, 115
Decimal	6648688
CIE _{Lab}	47.23, -5.87, -0.12
CIE _{LCh}	47, 5.872, 181.180
Yxy	16.1980, 0.2985, 0.3353
Android (android.graphics.Color)	4284838768 (0xFF657370)
YUV	110.4720, 0.7533, -8.3069
Hunter-Lab	40.2467, -6.4673, 2.1042

Details

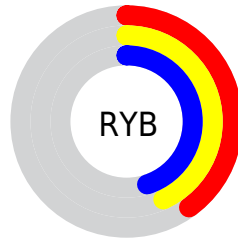
The XYZ color **14.4222, 16.1980, 17.6956** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2232, 13.9521, 15.0409**, and the grayscale version is **14.9565, 15.7354, 17.1359**.

A 20% lighter version of the original color is **33.4685, 36.9932, 40.4984**, and **4.4539, 5.1687, 5.6134** is the 20% darker color. If you saturate the color by 10%, you get **13.0883, 15.5264, 16.9266**, and if you desaturate by 10%, it is **15.9410, 16.9653, 18.4936**.

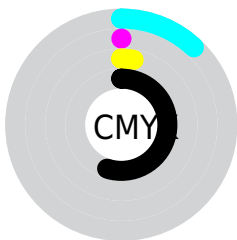
Distribution



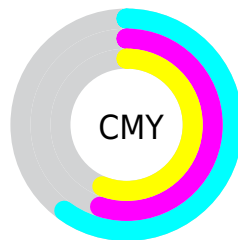
- Red (40%)
- Green (45%)
- Blue (44%)



- Red (40%)
- Yellow (43%)
- Blue (45%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (55%)



- Cyan (60%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4222, 16.1980, 17.6956 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 14.4222, 16.1980, 17.6956 by changing the saturation by 10% instead.

■ 14.4222, 16.1980,
17.6956

■ 14.4222, 16.1980,
17.6956

213.3002,
230.5073, 251.3279

■ 8.4986, 9.6644,
10.5645

■ 33.4163, 36.9416,
40.3249

■ 4.4701, 5.1770,
5.6643

■ 47.2176, 51.9204,
56.6601

■ 1.9713, 2.3515,
2.5766

■ 64.3753, 70.4830,
76.9004

■ 0.6178, 0.8008,
0.8803

■ 85.2551, 93.0138,
101.4644

■ 0.0000, 0.0000,
0.0000

110.2220,
119.8972, 130.7706

139.6417,

151.5177, 165.2376

173.8793,
188.2596, 205.2838

■ 14.4222, 16.1980,
17.6956

■ 14.4222, 16.1980,
17.6956

■ 13.0883, 15.5264,
16.9266

■ 15.9410, 16.9653,
18.4936

■ 11.9305, 14.9448,
16.1850

■ 17.6503, 17.8300,
19.3199

■ 10.9412, 14.4495,
15.4706

■ 19.5574, 18.7962,
20.1754

■ 10.1117, 14.0363,
14.7828

■ 21.6684, 19.8670,
21.0605

■ 9.4328, 13.7003,
14.1210

■ 23.9895, 21.0458,
21.9757

■ 8.8940, 13.4361,
13.4847

■ 26.5265, 22.3353,
22.9214

■ 8.4836, 13.2376,
12.8731

■ 29.2850, 23.7386,
23.8980

■ 8.1875, 13.0977,
12.2853

■ 32.2702, 25.2583,
24.9058

■ 7.9913, 13.0061,
11.8397

■ 35.4875, 26.8972,
25.9453

Harmonies

Analogous

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



14.5403, 16.1980, 16.2985



14.4222, 16.1980, 17.6956



14.5600, 16.1980, 19.1537

Triad

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



14.4222, 16.1980, 17.6956



15.9166, 16.1980, 20.1889



15.8804, 16.1980, 15.2562

Complementary

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



14.4222, 16.1980, 17.6956



14.2232, 13.9521, 15.0409

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.



16.2628, 16.1980, 16.2023



14.4222, 16.1980, 17.6956



16.2840, 16.1980, 19.0465

Square

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



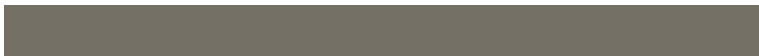
14.4222, 16.1980, 17.6956



15.4162, 16.1980, 20.6420



16.4121, 16.1980, 17.5783



15.3752, 16.1980, 14.9385

Rectangle

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



14.4222, 16.1980, 17.6956



14.7804, 16.1980, 19.9515



16.4121, 16.1980, 17.5783



16.0279, 16.1980, 15.5086

Sweetspot

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



14.4227, 16.1987, 17.6960



27.9931, 30.0999, 32.8352



14.1930, 16.1468, 14.6808



6.6355, 7.1592, 7.8114



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.4227, 16.1987, 17.6960



25.0209, 28.5999, 31.2376



14.1499, 15.3813, 18.4435



3.7513, 4.1425, 4.5243



9.1274, 14.8650, 13.4928



44.1553, 72.3094, 64.0479

Inverse Universe

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



14.2232, 13.9521, 15.0409



24.5789, 23.6203, 25.3530



14.4679, 14.6813, 14.3835



3.7131, 3.7125, 4.0161



8.2720, 4.2425, 1.3744



40.0445, 20.5679, 5.2975

Previews

White Background



This preview shows how the XYZ color 14.4222, 16.1980, 17.6956 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 14.4222, 16.1980, 17.6956 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

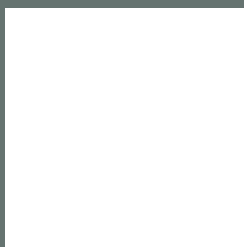
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4222, 16.1980, 17.6956

Background



This preview shows how black text looks on a background with the XYZ color 14.4222, 16.1980, 17.6956.



This preview shows how white text looks on a background with the XYZ color 14.4222, 16.1980,

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

14.4222, 16.1980, 17.6956

Protanopia

15.4383, 16.0721, 17.0404

Deuteranopia

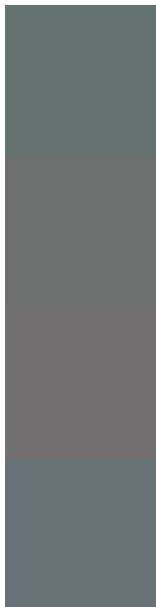
16.3692, 16.0550, 17.8589



Tritanopia

15.0115, 16.0990, 20.7286

Trichromacy



Original Color

14.4222, 16.1980, 17.6956

Protanomaly

14.9701, 15.9872, 17.3358

Deuteranomaly

15.6045, 16.1385, 17.9154

Tritanomaly

14.7668, 16.1674, 19.4819

Monochromacy



Original Color

14.4222, 16.1980, 17.6956

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.7268, 15.8618, 17.3244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4222, 16.1980, 17.6956 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(101, 115, 112)` looks like.

```
.text, #text, p{  
    color:rgb(101, 115, 112)  
}
```

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(101, 115, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 115, 112) }
```

Border

The CSS property to change the border of an element to XYZ 14.4222, 16.1980, 17.6956 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(101, 115, 112) }
```


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

```
.border{ border-color:rgb(101, 115, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 115, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 115, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 115, 112);  
box-shadow:4px 4px 4px 4px rgb(101, 115,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4222, 16.1980, 17.6956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 115, 112) }
```

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

```
.background{ background-color: rgb(101,  
115, 112) }
```

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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