

Converting Colors

XYZ(14.6985, 17.2188, 13.5218)

Have a look what the booklet for
XYZ(14.6985, 17.2188, 13.5218)
contains.

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Color

**XYZ(14.7716, 17.3416,
13.6351)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7860
RGB	106, 120, 96
RGB Percent	42%, 47%, 38%
CMY	0.5843, 0.5294, 0.6235
CMYK	0.12, 0.00, 0.20, 0.53
HSL	95°, 11%, 42%
HSV	95°, 20%, 47%
XYZ	14.7716, 17.3416, 13.6351
YIQ	113.0780, -0.6400, -10.4320

Conversions

Conversions Part 2

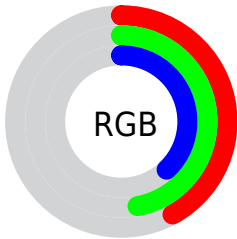
Format	Color
R_{YB}	96, 120, 110
Decimal	6977632
CIE _{Lab}	48.69, -10.00, 11.47
CIE _{LCh}	49, 15.219, 131.092
Yxy	17.3416, 0.3229, 0.3791
Android (android.graphics.Color)	4285167712 (0xFF6A7860)
YUV	113.0780, -8.4195, -6.2074
Hunter-Lab	41.6432, -9.5586, 9.7372

Details

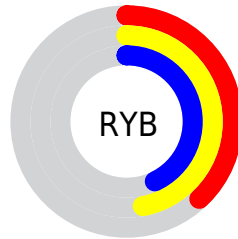
The XYZ color **14.7716, 17.3416, 13.6351** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0042, 13.0374, 19.5486**, and the grayscale version is **15.7439, 16.5638, 18.0379**.

A 20% lighter version of the original color is **33.9236, 38.7797, 33.3010**, and **4.6967, 5.7948, 3.8886** is the 20% darker color. If you saturate the color by 10%, you get **13.4626, 16.7263, 10.9067**, and if you desaturate by 10%, it is **16.2339, 18.0272, 16.8118**.

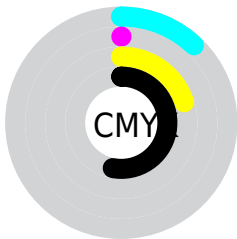
Distribution



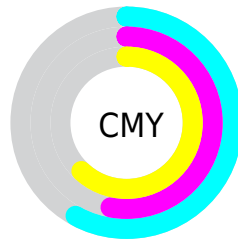
- Red (42%)
- Green (47%)
- Blue (38%)



- Red (38%)
- Yellow (47%)
- Blue (43%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7716, 17.3416, 13.6351 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 14.7716, 17.3416, 13.6351 by changing the saturation by 10% instead.

■ 14.7716, 17.3416,
13.6351

■ 14.7716, 17.3416,
13.6351

215.3955,
237.1333, 226.2977

■ 8.7445, 10.4783,
7.7315

■ 34.0270, 38.9122,
33.1479

■ 4.6307, 5.7172,
3.8383

■ 47.9859, 54.3883,
47.5942

■ 2.0648, 2.6739,
1.5371

■ 65.3196, 73.5041,
65.7250

■ 0.6699, 0.9640,
0.2453

■ 86.3933, 96.6441,
87.9591

■ 0.0000, 0.0000,
0.0000

111.5724,
124.1926, 114.7148

141.2222,

156.5341, 146.4108

175.7081,
194.0528, 183.4656

■ 14.7716, 17.3416,
13.6351

■ 14.7716, 17.3416,
13.6351

■ 13.4626, 16.7263,
10.9067

■ 16.2339, 18.0272,
16.8118

■ 12.3000, 16.1767,
8.6052

■ 17.8531, 18.7830,
20.4544

■ 11.2785, 15.6910,
6.7093

■ 19.6347, 19.6119,
24.5812

■ 10.3919, 15.2665,
5.1954

■ 21.5833, 20.5160,
29.2089

■ 9.6334, 14.9004,
4.0374

■ 23.7032, 21.4972,
34.3538

■ 8.9956, 14.5893,
3.2060

■ 25.9989, 22.5574,
40.0310

■ 8.4701, 14.3298,
2.6673

■ 28.4744, 23.6984,
46.2552

■ 8.0318, 14.1115,
2.3005

■ 31.1337, 24.9218,
53.0407

■ 33.9806, 26.2295,
60.4010

Harmonies

Analogous

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



15.9689, 17.3416, 12.2672



14.7716, 17.3416, 13.6351



14.0589, 17.3416, 16.4864

Triad

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



14.7716, 17.3416, 13.6351



15.6234, 17.3416, 27.1792



19.2756, 17.3416, 17.4337

Complementary

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



14.7716, 17.3416, 13.6351



14.0042, 13.0374, 19.5486

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.



19.1701, 17.3416, 21.4993



14.7716, 17.3416, 13.6351



17.0074, 17.3416, 27.5284

Square

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



14.7716, 17.3416, 13.6351



14.5311, 17.3416, 24.4318



18.3210, 17.3416, 25.3272



18.6016, 17.3416, 14.2436

Rectangle

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



14.7716, 17.3416, 13.6351



13.9288, 17.3416, 19.0297



18.3210, 17.3416, 25.3272



19.3311, 17.3416, 18.7351

Sweetspot

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



14.7721, 17.3424, 13.6355



29.6153, 32.2023, 31.9375



15.4337, 15.9902, 13.3396



6.9857, 7.6163, 7.4954



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.



14.7721, 17.3424, 13.6355



24.8910, 29.9888, 21.6841



13.7455, 16.8024, 14.0743



4.0944, 4.5240, 4.2819



8.7462, 15.3860, 2.5088



40.7974, 72.9173, 11.9242

Inverse Universe

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



14.0042, 13.0374, 19.5486



23.2817, 20.9686, 34.0733



15.1993, 13.6673, 18.9773



4.0007, 3.9982, 5.0041



6.4383, 2.8918, 19.6041



29.7253, 13.2859, 93.4675

Previews

White Background



This preview shows how the XYZ color 14.7716, 17.3416, 13.6351 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 14.7716, 17.3416, 13.6351 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 14.7716, 17.3416, 13.6351

Background



This preview shows how black text looks on a background with the XYZ color 14.7716, 17.3416, 13.6351.



This preview shows how white text looks on a background with the XYZ color 14.7716, 17.3416,

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

14.7716, 17.3416, 13.6351

Protanopia

16.1772, 17.2072, 13.0584

Deuteranopia

17.5619, 17.2373, 13.9568



Tritanopia

16.3775, 17.2864, 21.8755

Trichromacy



Original Color

14.7716, 17.3416, 13.6351

Protanomaly

15.6293, 17.2618, 13.3346

Deuteranomaly

16.3434, 17.1086, 13.7502

Tritanomaly

15.7052, 17.1887, 18.4096

Monochromacy



Original Color

14.7716, 17.3416, 13.6351

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3296, 16.8673, 16.3577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7716, 17.3416, 13.6351 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, 120, 96)` looks like.

```
.text, #text, p{  
    color:rgb(106, 120, 96)  
}
```

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, 120, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 120, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.7716, 17.3416, 13.6351 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, 120, 96) }
```


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

```
.border{ border-color:rgb(106, 120, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 120, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 120, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 120, 96);  
box-shadow:4px 4px 4px 4px rgb(106, 120,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7716, 17.3416, 13.6351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 120, 96) }
```

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

```
.background{ background-color: rgb(106,  
120, 96) }
```

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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