

Converting Colors

XYZ(14.8319, 17.1893, 8.1015)

Have a look what the booklet for
XYZ(14.8319, 17.1893, 8.1015)
contains.

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Color

**XYZ(14.7551, 17.0995,
8.1531)**

Conversions

Conversions Part 1

Format	Color
Hex	747645
RGB	116, 118, 69
RGB Percent	45%, 46%, 27%
CMY	0.5451, 0.5372, 0.7294
CMYK	0.02, 0.00, 0.42, 0.54
HSL	62°, 26%, 37%
HSV	62°, 42%, 46%
XYZ	14.7551, 17.0995, 8.1531
YIQ	111.8160, 14.5370, -15.6630

Conversions

Conversions Part 2

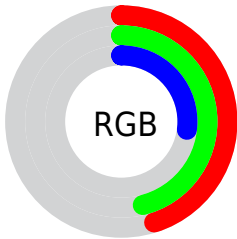
Format	Color
RYB	69, 118, 71
Decimal	7632453
CIELab	48.39, -8.80, 26.71
CIELCh	48, 28.123, 108.234
Yxy	17.0995, 0.3688, 0.4274
Android (android.graphics.Color)	4285822533 (0xFF747645)
YUV	111.8160, -21.1083, 3.6694
Hunter-Lab	41.3515, -8.6726, 17.2561

Details

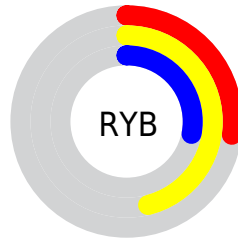
The XYZ color **14.7551, 17.0995, 8.1531** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.9972, 6.9043, 18.0516**, and the grayscale version is **15.4044, 16.2066, 17.6490**.

A 20% lighter version of the original color is **34.0069, 38.4925, 22.7770**, and **4.6698, 5.6396, 1.7066** is the 20% darker color. If you saturate the color by 10%, you get **14.3609, 16.9350, 6.4092**, and if you desaturate by 10%, it is **15.2233, 17.2948, 10.2816**.

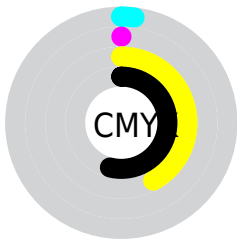
Distribution



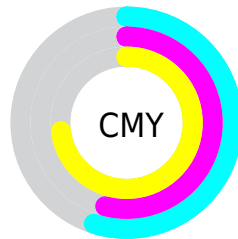
- Red (45%)
- Green (46%)
- Blue (27%)



- Red (27%)
- Yellow (46%)
- Blue (28%)



- Cyan (2%)
- Magenta (0%)
- Yellow (42%)
- Black (54%)



- Cyan (55%)
- Magenta (54%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7551, 17.0995, 8.1531 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 14.7551, 17.0995, 8.1531 by changing the saturation by 10% instead.

■ 14.7551, 17.0995,
8.1531

■ 14.7551, 17.0995,
8.1531

215.2970,
235.7451, 186.9072

■ 8.7329, 10.3055,
4.1039

■ 33.9982, 38.4968,
22.8091

■ 4.6231, 5.6020,
1.6825

■ 47.9497, 53.8688,
34.2531

■ 2.0603, 2.6046,
0.3487

■ 65.2751, 72.8689,
48.9990

■ 0.6675, 0.9290,
0.0000

■ 86.3397, 95.8816,
67.4654

■ 0.0000, 0.0000,
0.0000

■ 111.5088,
123.2911, 90.0709

141.1478,

155.4820, 117.2340

175.6221,
192.8385, 149.3732

■ 14.7551, 17.0995,
8.1531

■ 14.7551, 17.0995,
8.1531

■ 14.3609, 16.9350,
6.4092

■ 15.2233, 17.2948,
10.2816

■ 14.0352, 16.7974,
5.0258

■ 15.7684, 17.5203,
12.8144

■ 13.7735, 16.6854,
3.9780

■ 16.3943, 17.7782,
15.7716

■ 13.5704, 16.5969,
3.2373

■ 17.1046, 18.0698,
19.1712

■ 13.4197, 16.5294,
2.7704

■ 17.9025, 18.3966,
23.0304

■ 13.3121, 16.4803,
2.4794

■ 18.7911, 18.7596,
27.3655

■ 19.7733, 19.1602,
32.1919

■ 20.8520, 19.5993,
37.5244

■ 22.0297, 20.0782,
43.3770

Harmonies

Analogous

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



17.2811, 17.0995, 7.9172



14.7551, 17.0995, 8.1531



12.8388, 17.0995, 10.6940

Triad

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



14.7551, 17.0995, 8.1531



13.1786, 17.0995, 31.2926



21.5854, 17.0995, 21.6557

Complementary

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



14.7551, 17.0995, 8.1531



7.9972, 6.9043, 18.0516

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.



20.2234, 17.0995, 29.7239



14.7551, 17.0995, 8.1531



15.2657, 17.0995, 36.1913

Square

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



14.7551, 17.0995, 8.1531



11.9969, 17.0995, 23.4062



17.8481, 17.0995, 35.5516



21.4115, 17.0995, 14.5326

Rectangle

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



14.7551, 17.0995, 8.1531



12.0822, 17.0995, 13.8487



17.8481, 17.0995, 35.5516



21.2866, 17.0995, 24.3741

Sweetspot

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



14.7555, 17.1003, 8.1535



28.7348, 31.2211, 27.3008



10.7759, 8.7416, 6.7498



6.5817, 7.1680, 6.1585



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.



14.7555, 17.1003, 8.1535



25.2677, 29.7833, 11.3460



11.9535, 15.6558, 8.0223



3.9526, 4.2590, 3.9560



14.3985, 17.8271, 2.6821



69.9838, 86.7798, 13.0616

Inverse Universe

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



7.9972, 6.9043, 18.0516



11.6456, 9.2272, 31.3042



10.1318, 8.0047, 18.1515



3.5132, 3.5963, 4.5992



3.6003, 1.4474, 18.6322



17.3675, 6.9618, 90.7887

Previews

White Background



This preview shows how the XYZ color 14.7551, 17.0995, 8.1531 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 14.7551, 17.0995, 8.1531 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

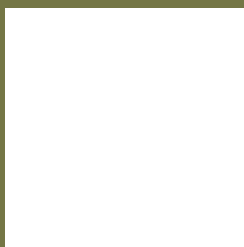
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7551, 17.0995, 8.1531

Background



This preview shows how black text looks on a background with the XYZ color 14.7551, 17.0995, 8.1531.



This preview shows how white text looks on a background with the XYZ color 14.7551, 17.0995,

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

14.7551, 17.0995, 8.1531

Protanopia

15.7783, 17.1144, 7.9407

Deuteranopia

17.3607, 17.0958, 8.3460



Tritanopia

17.2714, 17.1064, 20.4807

Trichromacy



Original Color

14.7551, 17.0995, 8.1531

Protanomaly

15.3148, 17.0457, 7.9518

Deuteranomaly

16.3707, 17.0777, 8.2279

Tritanomaly

16.1613, 16.9870, 14.9974

Monochromacy



Original Color

14.7551, 17.0995, 8.1531

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.9387, 16.3899, 13.4425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7551, 17.0995, 8.1531 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(116, 118, 69)` looks like.

```
.text, #text, p{  
    color:rgb(116, 118, 69)  
}
```

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(116, 118, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 118, 69) }
```

Border

The CSS property to change the border of an element to XYZ 14.7551, 17.0995, 8.1531 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(116, 118, 69) }
```


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

```
.border{ border-color:rgb(116, 118, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 118, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 118, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 118, 69);  
box-shadow:4px 4px 4px 4px rgb(116, 118,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7551, 17.0995, 8.1531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 118, 69) }
```

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

```
.background{ background-color: rgb(116,  
118, 69) }
```

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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