

Converting Colors

XYZ(14.9693, 14.0861, 17.9889)

Have a look what the booklet for
XYZ(14.9693, 14.0861, 17.9889)
contains.

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Color

**XYZ(14.9306, 14.1112,
17.8564)**

Conversions

Conversions Part 1

Format	Color
Hex	756472
RGB	117, 100, 114
RGB Percent	46%, 39%, 45%
CMY	0.5412, 0.6078, 0.5529
CMYK	0.00, 0.15, 0.03, 0.54
HSL	311°, 8%, 43%
HSV	311°, 15%, 46%
XYZ	14.9306, 14.1112, 17.8564
YIQ	106.6790, 5.6380, 7.9580

Conversions

Conversions Part 2

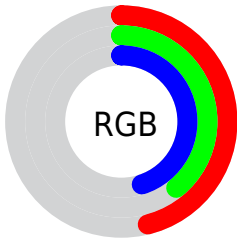
Format	Color
R_{YB}	117, 100, 114
Decimal	7693426
CIE _{Lab}	44.39, 9.47, -5.35
CIE _{LCh}	44, 10.880, 330.550
Yxy	14.1112, 0.3184, 0.3009
Android (android.graphics.Color)	4285883506 (0xFF756472)
YUV	106.6790, 3.6093, 9.0515
Hunter-Lab	37.5649, 5.2084, -1.8880

Details

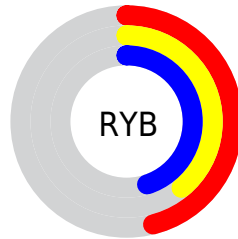
The XYZ color **14.9306, 14.1112, 17.8564** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0656, 16.4116, 15.2593**, and the grayscale version is **13.8760, 14.5986, 15.8979**.

A 20% lighter version of the original color is **34.3117, 33.3214, 40.6996**, and **4.7107, 4.2048, 5.7176** is the 20% darker color. If you saturate the color by 10%, you get **13.7719, 11.9797, 16.8969**, and if you desaturate by 10%, it is **16.2539, 16.5674, 18.8842**.

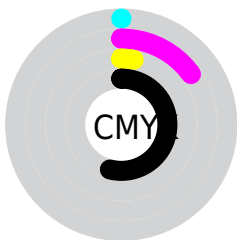
Distribution



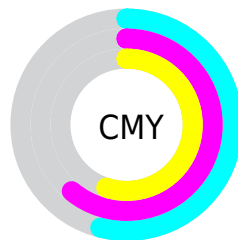
- Red (46%)
- Green (39%)
- Blue (45%)



- Red (46%)
- Yellow (39%)
- Blue (45%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (54%)



- Cyan (54%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9306, 14.1112, 17.8564 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 14.9306, 14.1112, 17.8564 by changing the saturation by 10% instead.

■ 14.9306, 14.1112,
17.8564

■ 14.9306, 14.1112,
17.8564

216.3425,
217.9215, 252.2693

■ 8.8567, 8.1980,
10.6786

■ 34.3040, 33.2862,
40.6031

■ 4.7042, 4.2219,
5.7397

■ 48.3343, 47.3168,
57.0091

■ 2.1077, 1.7985,
2.6212

■ 65.7474, 64.8221,
77.3281

■ 0.6934, 0.4862,
0.9034

■ 86.9086, 86.1864,
101.9789

■ 0.0000, 0.0000,
0.0000

112.1834,
111.7941, 131.3798

141.9371,

142.0296, 165.9495

176.5350,
177.2772, 206.1065

■ 14.9306, 14.1112,
17.8564

■ 14.9306, 14.1112,
17.8564

■ 13.7719, 11.9797,
16.8969

■ 16.2539, 16.5674,
18.8842

■ 12.7698, 10.1573,
16.0024

■ 17.7471, 19.3593,
19.9817

■ 11.9174, 8.6300,
15.1707

■ 19.4167, 22.4996,
21.1513

■ 11.2066, 7.3819,
14.3991

■ 21.2685, 25.9999,
22.3949

■ 10.6289, 6.3957,
13.6846

■ 23.3080, 29.8713,
23.7145

■ 10.1745, 5.6521,
13.0239

■ 25.5404, 34.1243,
25.1120

■ 9.8325, 5.1292,
12.4132

■ 27.9709, 38.7690,
26.5890

■ 9.5858, 4.7930,
11.8467

■ 30.6044, 43.8152,
28.1474

■ 9.4637, 4.6330,
11.5463

■ 33.4455, 49.2722,
29.7888

Harmonies

Analogous

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



14.2853, 14.1112, 19.8968



14.9306, 14.1112, 17.8564



15.1651, 14.1112, 15.3185

Triad

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



14.9306, 14.1112, 17.8564



13.3961, 14.1112, 11.0344



12.0155, 14.1112, 17.9450

Complementary

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



14.9306, 14.1112, 17.8564



14.0656, 16.4116, 15.2593

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.



11.8000, 14.1112, 15.4110



14.9306, 14.1112, 17.8564



12.5755, 14.1112, 11.5791

Square

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



14.9306, 14.1112, 17.8564



14.2562, 14.1112, 11.5408



12.0005, 14.1112, 13.1163



12.6023, 14.1112, 19.9517

Rectangle

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



14.9306, 14.1112, 17.8564



15.0494, 14.1112, 13.7353



12.0005, 14.1112, 13.1163



11.8984, 14.1112, 17.1181

Sweetspot

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



14.9310, 14.1118, 17.8567



29.2129, 29.8668, 33.8965



13.3431, 13.2732, 18.6886



6.6800, 6.7989, 7.7658



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.



14.9310, 14.1118, 17.8567



26.1027, 24.0996, 31.4629



14.4780, 13.9306, 15.4714



3.8002, 3.7474, 4.4748



10.4217, 5.1024, 12.6950



50.5037, 24.7516, 60.3750

Inverse Universe

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



14.9310, 14.1118, 17.8567



26.1027, 24.0996, 31.4629



14.5050, 16.5874, 17.5730



3.8002, 3.7474, 4.4748



10.4217, 5.1024, 12.6950



50.5037, 24.7516, 60.3750

Previews

White Background



This preview shows how the XYZ color 14.9306, 14.1112, 17.8564 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 14.9306, 14.1112, 17.8564 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 14.9306, 14.1112, 17.8564

Background



This preview shows how black text looks on a background with the XYZ color 14.9306, 14.1112, 17.8564.

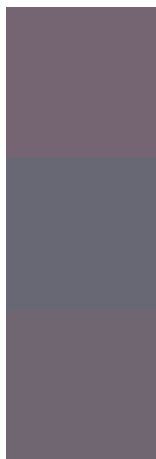


This preview shows how white text looks on a background with the XYZ color 14.9306, 14.1112,

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

14.9306, 14.1112, 17.8564

Protanopia

13.8701, 14.1280, 18.8256

Deuteranopia

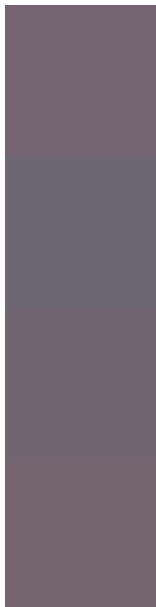
14.3442, 14.0972, 17.8846



Tritanopia

14.6165, 14.1245, 16.4239

Trichromacy



Original Color

14.9306, 14.1112, 17.8564

Protanomaly

14.3093, 14.2127, 18.5121

Deuteranomaly

14.5010, 14.0330, 17.8639

Tritanomaly

14.7254, 14.1681, 16.9975

Monochromacy



Original Color

14.9306, 14.1112, 17.8564

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.3203, 14.4059, 16.7777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9306, 14.1112, 17.8564 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(117, 100, 114)` looks like.

```
.text, #text, p{  
    color:rgb(117, 100, 114)  
}
```

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(117, 100, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 100, 114) }
```

Border

The CSS property to change the border of an element to XYZ 14.9306, 14.1112, 17.8564 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(117, 100, 114) }
```


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

```
.border{ border-color:rgb(117, 100, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 100, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 100, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 100, 114);  
box-shadow:4px 4px 4px 4px rgb(117, 100,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9306, 14.1112, 17.8564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 100, 114) }
```

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

```
.background{ background-color: rgb(117,  
100, 114) }
```

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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