

Converting Colors

XYZ(14.7225, 14.8022, 19.0034)

Have a look what the booklet for
XYZ(14.7225, 14.8022, 19.0034)
contains.

XYZ(14.7953, 14.9074, 18.9272)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.7953, 14.9074,
18.9272)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6A75
RGB	110, 106, 117
RGB Percent	43%, 42%, 46%
CMY	0.5686, 0.5843, 0.5412
CMYK	0.06, 0.09, 0.00, 0.54
HSL	262°, 5%, 44%
HSV	262°, 9%, 46%
XYZ	14.7953, 14.9074, 18.9272
YIQ	108.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

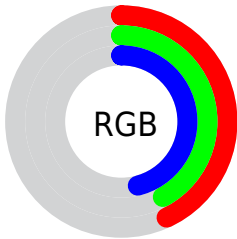
Format	Color
R_{YB}	110, 106, 117
Decimal	7236213
CIE Lab	45.51, 3.85, -5.57
CIE LCh	46, 6.773, 304.639
Yxy	14.9074, 0.3042, 0.3065
Android (android.graphics.Color)	4285426293 (0xFF6E6A75)
YUV	108.4500, 4.2152, 1.3594
Hunter-Lab	38.6101, 0.8331, -2.0377

Details

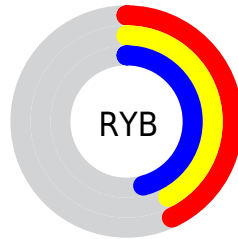
The XYZ color **14.7953, 14.9074, 18.9272** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7734, 17.2743, 16.1393**, and the grayscale version is **14.3694, 15.1177, 16.4632**.

A 20% lighter version of the original color is **34.1187, 34.6599, 42.4279**, and **4.6247, 4.5817, 6.2708** is the 20% darker color. If you saturate the color by 10%, you get **12.7831, 12.2010, 18.5111**, and if you desaturate by 10%, it is **17.0508, 17.9843, 19.4025**.

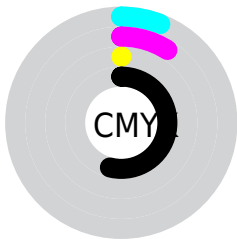
Distribution



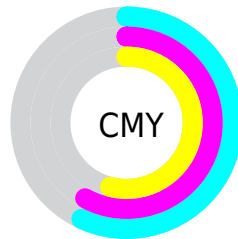
- Red (43%)
- Green (42%)
- Blue (46%)



- Red (43%)
- Yellow (42%)
- Blue (46%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (54%)



- Cyan (57%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7953, 14.9074, 18.9272 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 14.7953, 14.9074, 18.9272 by changing the saturation by 10% instead.

■ 14.7953, 14.9074,
18.9272

■ 14.7953, 14.9074,
18.9272

215.5369,
222.8051, 258.4559

■ 8.7612, 8.7544,
11.4414

■ 34.0683, 34.6907,
42.4461

■ 4.6416, 4.5813,
6.2467

■ 48.0379, 49.0897,
59.3163

■ 2.0711, 2.0038,
2.9244

■ 65.3834, 67.0063,
80.1517

■ 0.6735, 0.6097,
1.0562

■ 86.4702, 88.8247,
105.3709

■ 0.0000, 0.0000,
0.0000

111.6636,
114.9294, 135.3923

141.3289,

145.7047, 170.6346

175.8316,
181.5352, 211.5163

■ 14.7953, 14.9074,
18.9272

■ 14.7953, 14.9074,
18.9272

■ 12.7831, 12.2010,
18.5111

■ 17.0508, 17.9843,
19.4025

■ 11.0043, 9.8489,
18.1508

■ 19.5563, 21.4432,
19.9380

■ 9.4504, 7.8366,
17.8443

■ 22.3201, 25.2975,
20.5363

■ 8.1117, 6.1480,
17.5889

■ 25.3494, 29.5594,
21.1993

■ 6.9777, 4.7652,
17.3818

■ 28.6512, 34.2404,
21.9288

6.0371, 3.6690,
17.2198

32.2325, 39.3517,
22.7266

5.2773, 2.8376,
17.0994

36.0996, 44.9041,
23.5945

4.6839, 2.2462,
17.0165

40.2590, 50.9080,
24.5342

4.2140, 1.8128,
16.9576

44.7168, 57.3733,
25.5471

Harmonies

Analogous

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



14.2571, 14.9074, 19.5330



14.7953, 14.9074, 18.9272



15.1731, 14.9074, 17.6005

Triad

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



14.7953, 14.9074, 18.9272



14.6393, 14.9074, 13.5804



13.1140, 14.9074, 16.4845

Complementary

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



14.7953, 14.9074, 18.9272



15.7734, 17.2743, 16.1393

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.



13.2102, 14.9074, 14.9357



14.7953, 14.9074, 18.9272



14.0814, 14.9074, 13.3249

Square

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



14.7953, 14.9074, 18.9272



15.0814, 14.9074, 14.5272



13.5607, 14.9074, 13.8050



13.2942, 14.9074, 18.0644

Rectangle

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



14.7953, 14.9074, 18.9272



15.2780, 14.9074, 16.5239



13.5607, 14.9074, 13.8050



13.1151, 14.9074, 15.9428

Sweetspot

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



14.7957, 14.9080, 18.9275



28.9963, 30.1001, 34.4186



15.0771, 16.1928, 19.1607



6.6003, 6.8298, 7.8994



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.



14.7957, 14.9080, 18.9275



25.7828, 25.7325, 33.7450



15.4817, 15.2617, 18.9596



3.6147, 3.6487, 4.6040



4.5979, 1.9616, 18.6789



21.5390, 9.1123, 90.9839

Inverse Universe

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



15.4713, 15.2829, 17.7580



27.2222, 26.5314, 31.2414



15.1052, 16.9298, 16.1080



3.7728, 3.7364, 4.3305



9.4545, 4.7155, 7.6014



45.6511, 22.8105, 34.8215

Previews

White Background



This preview shows how the XYZ color 14.7953, 14.9074, 18.9272 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 14.7953, 14.9074, 18.9272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

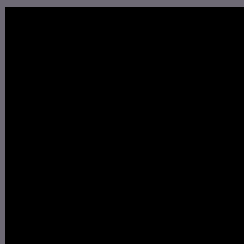
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7953, 14.9074, 18.9272

Background



This preview shows how black text looks on a background with the XYZ color 14.7953, 14.9074, 18.9272.



This preview shows how white text looks on a background with the XYZ color 14.7953, 14.9074,

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

14.7953, 14.9074, 18.9272

Protanopia

14.5911, 14.9492, 19.2560

Deuteranopia

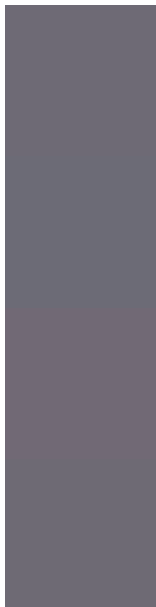
15.2019, 14.9649, 18.9169



Tritanopia

14.6790, 14.8609, 18.3144

Trichromacy



Original Color

14.7953, 14.9074, 18.9272

Protanomaly

14.7121, 15.0115, 19.2616

Deuteranomaly

15.0725, 14.8982, 18.9109

Tritanomaly

14.7368, 14.8840, 18.6192

Monochromacy



Original Color

14.7953, 14.9074, 18.9272

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.4336, 14.9143, 17.1569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7953, 14.9074, 18.9272 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(110, 106, 117)` looks like.

```
.text, #text, p{  
    color:rgb(110, 106, 117)  
}
```

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(110, 106, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 106, 117) }
```

Border

The CSS property to change the border of an element to XYZ 14.7953, 14.9074, 18.9272 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(110, 106, 117) }
```


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

```
.border{ border-color:rgb(110, 106, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 106, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 106, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 106, 117);  
box-shadow:4px 4px 4px 4px rgb(110, 106,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7953, 14.9074, 18.9272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 106, 117) }
```

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

```
.background{ background-color: rgb(110,  
106, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor