

Converting Colors

XYZ(14.0085, 10.6067, 18.6860)

Have a look what the booklet for
XYZ(14.0085, 10.6067, 18.6860)
contains.

XYZ(14.0142, 10.5750, 18.7553)	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(14.0142, 10.5750,
18.7553)**

Conversions

Conversions Part 1

Format	Color
Hex	7B4B77
RGB	123, 75, 119
RGB Percent	48%, 29%, 47%
CMY	0.5176, 0.7059, 0.5333
CMYK	0.00, 0.39, 0.03, 0.52
HSL	305°, 24%, 39%
HSV	305°, 39%, 48%
XYZ	14.0142, 10.5750, 18.7553
YIQ	94.3680, 14.4840, 23.8600

Conversions

Conversions Part 2

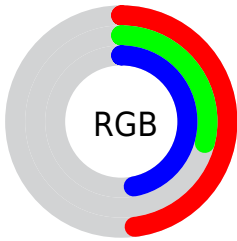
Format	Color
R_{YB}	123, 75, 119
Decimal	8080247
CIE _{Lab}	38.86, 27.70, -16.70
CIE _{LCh}	39, 32.348, 328.914
Yxy	10.5750, 0.3233, 0.2440
Android (android.graphics.Color)	4286270327 (0xFF7B4B77)
YUV	94.3680, 12.1436, 25.1103
Hunter-Lab	32.5192, 20.0162, -11.4318

Details

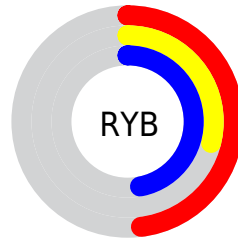
The XYZ color **14.0142, 10.5750, 18.7553** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **11.3963, 16.2266, 9.9291**, and the grayscale version is **10.6965, 11.2535, 12.2551**.

A 20% lighter version of the original color is **32.5888, 26.8376, 41.9906**, and **4.2684, 2.6892, 6.0884** is the 20% darker color. If you saturate the color by 10%, you get **13.1981, 9.0406, 18.1813**, and if you desaturate by 10%, it is **14.9930, 12.4332, 19.3871**.

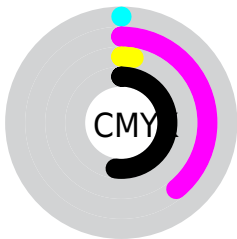
Distribution



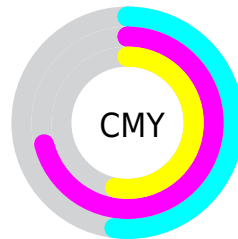
- Red (48%)
- Green (29%)
- Blue (47%)



- Red (48%)
- Yellow (29%)
- Blue (47%)



- Cyan (0%)
- Magenta (39%)
- Yellow (3%)
- Black (52%)



- Cyan (52%)
- Magenta (71%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0142, 10.5750, 18.7553 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 14.0142, 10.5750, 18.7553 by changing the saturation by 10% instead.

■ 14.0142, 10.5750,
18.7553

■ 14.0142, 10.5750,
18.7553

210.8280,
194.7281, 257.4721

■ 8.2123, 5.7818,
11.3186

■ 32.7003, 26.8715,
42.1514

■ 4.2840, 2.7129,
6.1647

■ 46.3152, 39.1437,
58.9478

■ 1.8641, 0.9837,
2.8751

■ 63.2651, 54.6777,
79.7012

■ 0.5558, 0.0000,
1.0312

■ 83.9155, 73.8578,
104.8302

■ 0.0000, 0.0000,
0.0000

■ 108.6316, 97.0685,
134.7532

137.7788,

124.6942, 169.8888

171.7225,
157.1193, 210.6556

■ 14.0142, 10.5750,
18.7553

■ 14.0142, 10.5750,
18.7553

■ 13.1981, 9.0406,
18.1813

■ 14.9930, 12.4332,
19.3871

■ 12.5343, 7.8100,
17.6611

■ 16.1420, 14.6311,
20.0788

■ 12.0129, 6.8630,
17.1917

■ 17.4695, 17.1850,
20.8333

■ 11.6223, 6.1766,
16.7692

■ 18.9831, 20.1099,
21.6531

■ 11.3490, 5.7239,
16.3890

■ 20.6897, 23.4198,
22.5406

■ 11.1537, 5.4260,
16.0380

■ 22.5961, 27.1282,
23.4980

■ 11.1350, 5.3976,
16.0039

■ 24.7087, 31.2478,
24.5274

■ 27.0334, 35.7907,
25.6310

■ 29.5762, 40.7685,
26.8105

Harmonies

Analogous

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



12.1806, 10.5750, 25.2616



14.0142, 10.5750, 18.7553



14.7657, 10.5750, 11.7398

Triad

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



14.0142, 10.5750, 18.7553



10.1296, 10.5750, 3.2809



6.8553, 10.5750, 18.2233

Complementary

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



14.0142, 10.5750, 18.7553



11.3963, 16.2266, 9.9291

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.



6.4651, 10.5750, 11.2918



14.0142, 10.5750, 18.7553



8.1857, 10.5750, 3.9597

Square

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



14.0142, 10.5750, 18.7553



12.3352, 10.5750, 4.0707



6.9161, 10.5750, 6.4280



8.0681, 10.5750, 24.8853

Rectangle

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



14.0142, 10.5750, 18.7553



14.4807, 10.5750, 8.0936



6.9161, 10.5750, 6.4280



6.6319, 10.5750, 15.7843

Sweetspot

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



14.0145, 10.5755, 18.7555



30.4691, 29.2051, 36.8519



9.3161, 8.1250, 19.8164



7.1182, 6.7671, 8.6466



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.0145, 10.5755, 18.7555



23.7499, 16.4055, 32.6429



12.7504, 10.0698, 12.0986



4.1408, 4.0720, 4.9390



11.5181, 5.5834, 16.5508



54.7899, 26.5723, 78.1470

Inverse Universe

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



14.0145, 10.5755, 18.7555



23.7499, 16.4055, 32.6429



12.4332, 16.6413, 15.3892



4.1408, 4.0720, 4.9390



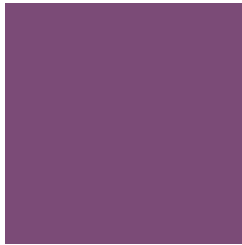
11.5181, 5.5834, 16.5508



54.7899, 26.5723, 78.1470

Previews

White Background



This preview shows how the XYZ color 14.0142, 10.5750, 18.7553 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 14.0142, 10.5750, 18.7553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

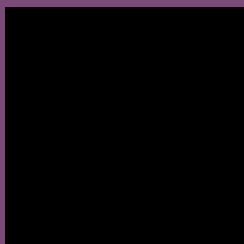
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0142, 10.5750, 18.7553

Background



This preview shows how black text looks on a background with the XYZ color 14.0142, 10.5750, 18.7553.



This preview shows how white text looks on a background with the XYZ color 14.0142, 10.5750,

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

14.0142, 10.5750, 18.7553

Protanopia

11.0623, 10.7831, 22.9710

Deuteranopia

10.8331, 10.6480, 18.0073



Tritanopia

12.3865, 10.6611, 10.6375

Trichromacy



Original Color

14.0142, 10.5750, 18.7553

Protanomaly

11.7986, 10.4622, 21.4762

Deuteranomaly

11.8262, 10.5481, 18.2423

Tritanomaly

12.7938, 10.4859, 13.1540

Monochromacy



Original Color

14.0142, 10.5750, 18.7553

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.6821, 10.7989, 14.3007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0142, 10.5750, 18.7553 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(123, 75, 119)` looks like.

```
.text, #text, p{  
    color:rgb(123, 75, 119)  
}
```

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(123, 75, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 75, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.0142, 10.5750, 18.7553 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(123, 75, 119) }
```


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

```
.border{ border-color:rgb(123, 75, 119) }
```

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

Here you see how a box with a 4 pixel rgb(123, 75, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 75, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 75, 119);  
box-shadow:4px 4px 4px 4px rgb(123, 75,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0142, 10.5750, 18.7553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 75, 119) }
```

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

```
.background{ background-color: rgb(123, 75,  
119) }
```

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