

Converting Colors

XYZ(14.2443, 11.3318, 17.7988)

Have a look what the booklet for
XYZ(14.2443, 11.3318, 17.7988)
contains.

XYZ(14.2053, 11.3336, 17.6586)	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(14.2053, 11.3336,
17.6586)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5173
RGB	123, 81, 115
RGB Percent	48%, 32%, 45%
CMY	0.5176, 0.6823, 0.5490
CMYK	0.00, 0.34, 0.07, 0.52
HSL	311°, 21%, 40%
HSV	311°, 34%, 48%
XYZ	14.2053, 11.3336, 17.6586
YIQ	97.4340, 14.1180, 19.4780

Conversions

Conversions Part 2

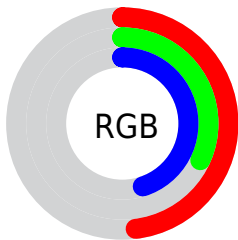
Format	Color
R_{YB}	123, 81, 115
Decimal	8081779
CIE Lab	40.14, 23.37, -12.28
CIE LCh	40, 26.404, 332.284
Yxy	11.3336, 0.3288, 0.2624
Android (android.graphics.Color)	4286271859 (0xFF7B5173)
YUV	97.4340, 8.6600, 22.4214
Hunter-Lab	33.6654, 16.4046, -7.5337

Details

The XYZ color **14.2053, 11.3336, 17.6586** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **12.2799, 16.6368, 12.0158**, and the grayscale version is **11.4463, 12.0424, 13.1142**.

A 20% lighter version of the original color is **32.9958, 28.2527, 40.2735**, and **4.3618, 3.0238, 5.6639** is the 20% darker color. If you saturate the color by 10%, you get **13.2397, 9.6153, 16.6801**, and if you desaturate by 10%, it is **15.3406, 13.3854, 18.7109**.

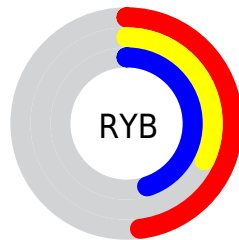
Distribution



Red (48%)

Green (32%)

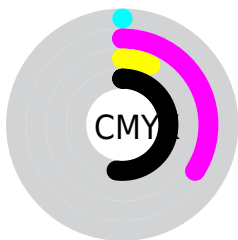
Blue (45%)



Red (48%)

Yellow (32%)

Blue (45%)

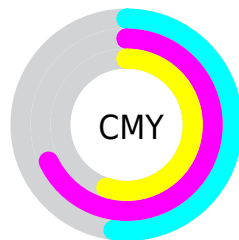


Cyan (0%)

Magenta (34%)

Yellow (7%)

Black (52%)



Cyan (52%)

Magenta (68%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2053, 11.3336, 17.6586 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 14.2053, 11.3336, 17.6586 by changing the saturation by 10% instead.

■ 14.2053, 11.3336,
17.6586

■ 14.2053, 11.3336,
17.6586

211.9894,
199.9422, 251.1108

■ 8.3462, 6.2917,
10.5383

■ 33.0361, 28.2754,
40.2608

■ 4.3710, 3.0232,
5.6470

■ 46.7385, 40.9441,
56.5797

■ 1.9141, 1.1439,
2.5664

■ 63.7862, 56.9239,
76.8019

■ 0.5850, 0.0151,
0.8750

■ 84.5443, 76.5991,
101.3459

■ 0.0000, 0.0000,
0.0000

■ 109.3784,
100.3541, 130.6302

138.6537,

128.5734, 165.0735

172.7356,
161.6412, 205.0941

■ 14.2053, 11.3336,
17.6586

■ 14.2053, 11.3336,
17.6586

■ 13.2397, 9.6153,
16.6801

■ 15.3406, 13.3854,
18.7109

■ 12.4339, 8.2112,
15.7714

■ 16.6528, 15.7859,
19.8390

■ 11.7782, 7.1021,
14.9296

■ 18.1502, 18.5509,
21.0460

■ 11.2619, 6.2663,
14.1506

■ 19.8398, 21.6950,
22.3344

■ 10.8725, 5.6790,
13.4304

■ 21.7287, 25.2320,
23.7066

■ 10.5928, 5.3058,
12.7631

■ 23.8234, 29.1748,
25.1649

■ 10.4480, 5.1228,
12.3861

■ 26.1301, 33.5359,
26.7115

■ 28.6548, 38.3272,
28.3485

■ 31.4032, 43.5602,
30.0779

Harmonies

Analogous

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



12.7677, 11.3336, 22.9989



14.2053, 11.3336, 17.6586



14.6940, 11.3336, 11.9422

Triad

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



14.2053, 11.3336, 17.6586



10.6323, 11.3336, 4.7499



8.0576, 11.3336, 18.5587

Complementary

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



14.2053, 11.3336, 17.6586



12.2799, 16.6368, 12.0158

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.



7.6189, 11.3336, 12.7472



14.2053, 11.3336, 17.6586



8.9964, 11.3336, 5.6200

Square

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



14.2053, 11.3336, 17.6586



12.4970, 11.3336, 5.3851



7.9423, 11.3336, 8.2140



9.2140, 11.3336, 23.6138

Rectangle

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



14.2053, 11.3336, 17.6586



14.3758, 11.3336, 8.8932



7.9423, 11.3336, 8.2140



7.8276, 11.3336, 16.5798

Sweetspot

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



14.2056, 11.3341, 17.6588



30.8259, 30.1195, 36.3519



10.6092, 9.4245, 19.9990



7.1881, 6.9612, 8.5029



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.



14.2056, 11.3341, 17.6588



24.0537, 17.8276, 30.2333



13.1451, 10.9099, 12.0739



4.1233, 4.0650, 4.8470



10.8064, 5.2987, 12.8034



51.2507, 25.1566, 59.5094

Inverse Universe

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



14.2056, 11.3341, 17.6588



24.0537, 17.8276, 30.2333



13.2748, 17.0348, 17.2551



4.1233, 4.0650, 4.8470



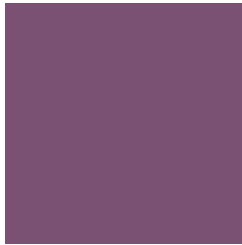
10.8064, 5.2987, 12.8034



51.2507, 25.1566, 59.5094

Previews

White Background



This preview shows how the XYZ color 14.2053, 11.3336, 17.6586 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

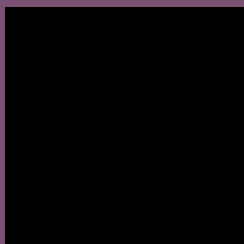
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2053, 11.3336, 17.6586

Background



This preview shows how black text looks on a background with the XYZ color 14.2053, 11.3336, 17.6586.



This preview shows how white text looks on a background with the XYZ color 14.2053, 11.3336,

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

14.2053, 11.3336, 17.6586

Protanopia

11.5713, 11.4869, 20.6761

Deuteranopia

11.6143, 11.4539, 17.2215



Tritanopia

12.9260, 11.2628, 11.6179

Trichromacy



Original Color

14.2053, 11.3336, 17.6586

Protanomaly

12.2791, 11.2346, 19.6105

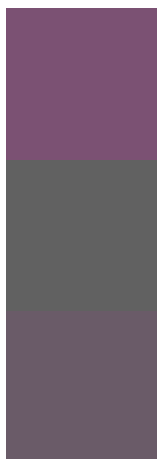
Deuteranomaly

12.4353, 11.3629, 17.4574

Tritanomaly

13.3557, 11.3257, 13.5387

Monochromacy



Original Color

14.2053, 11.3336, 17.6586

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.1836, 11.5458, 14.6831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2053, 11.3336, 17.6586 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, 81, 115)` looks like.

```
.text, #text, p{  
    color:rgb(123, 81, 115)  
}
```

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, 81, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 81, 115) }
```

Border

The CSS property to change the border of an element to XYZ 14.2053, 11.3336, 17.6586 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, 81, 115) }
```


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

```
.border{ border-color:rgb(123, 81, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 81, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 81, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 81, 115);  
box-shadow:4px 4px 4px 4px rgb(123, 81,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2053, 11.3336, 17.6586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 81, 115) }
```

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

```
.background{ background-color: rgb(123, 81,  
115) }
```

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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