

Converting Colors

XYZ(14.3862, 13.6301, 13.8678)

Have a look what the booklet for
XYZ(14.3862, 13.6301, 13.8678)
contains.

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Color

**XYZ(14.4137, 13.6485,
13.9313)**

Conversions

Conversions Part 1

Format	Color
Hex	786264
RGB	120, 98, 100
RGB Percent	47%, 38%, 39%
CMY	0.5294, 0.6157, 0.6078
CMYK	0.00, 0.18, 0.17, 0.53
HSL	355°, 10%, 43%
HSV	355°, 18%, 47%
XYZ	14.4137, 13.6485, 13.9313
YIQ	104.8060, 12.4700, 5.2860

Conversions

Conversions Part 2

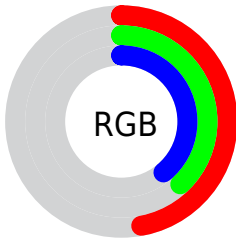
Format	Color
R_{YB}	120, 98, 100
Decimal	7889508
CIE _{Lab}	43.72, 9.20, 2.19
CIE _{LCh}	44, 9.459, 13.409
Yxy	13.6485, 0.3432, 0.3250
Android (android.graphics.Color)	4286079588 (0xFF786264)
YUV	104.8060, -2.3694, 13.3251
Hunter-Lab	36.9439, 4.9902, 3.5028

Details

The XYZ color **14.4137, 13.6485, 13.9313** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0241, 17.3381, 19.6952**, and the grayscale version is **13.3789, 14.0757, 15.3284**.

A 20% lighter version of the original color is **33.5669, 32.6135, 33.8040**, and **4.4250, 3.9643, 3.9001** is the 20% darker color. If you saturate the color by 10%, you get **12.8808, 11.3719, 10.9872**, and if you desaturate by 10%, it is **16.1864, 16.2913, 17.3046**.

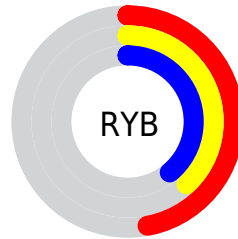
Distribution



Red (47%)

Green (38%)

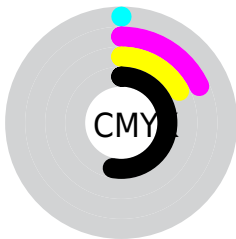
Blue (39%)



Red (47%)

Yellow (38%)

Blue (39%)

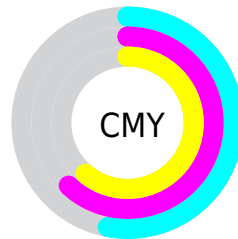


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (53%)



Cyan (53%)

Magenta (62%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4137, 13.6485, 13.9313 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 14.4137, 13.6485, 13.9313 by changing the saturation by 10% instead.

■ 14.4137, 13.6485,
13.9313

■ 14.4137, 13.6485,
13.9313

213.2490,
215.0330, 228.2166

■ 8.4926, 7.8766,
7.9347

■ 33.4015, 32.4640,
33.6825

■ 4.4662, 4.0161,
3.9660

■ 47.1988, 46.2765,
48.2741

■ 1.9691, 1.6826,
1.6067

■ 64.3523, 63.5378,
66.5678

■ 0.6165, 0.4123,
0.2956

■ 85.2273, 84.6326,
88.9821

■ 0.0000, 0.0000,
0.0000

110.1891,
109.9451, 115.9356

139.6030,

139.8597, 147.8469

173.8346,
174.7609, 185.1343

■ 14.4137, 13.6485,
13.9313

■ 14.4137, 13.6485,
13.9313

■ 12.8808, 11.3719,
10.9872

■ 16.1864, 16.2913,
17.3046

■ 11.5764, 9.4437,
8.4543

■ 18.2075, 19.3136,
21.1225

■ 10.4899, 7.8471,
6.3145

■ 20.4865, 22.7302,
25.4007

■ 9.6092, 6.5636,
4.5481

■ 23.0319, 26.5545,
30.1537

■ 8.9214, 5.5724,
3.1336

■ 25.8521, 30.7995,
35.3956

■ 8.4119, 4.8507,
2.0474

■ 28.9549, 35.4773,
41.1398

■ 8.0640, 4.3717,
1.2629

■ 32.3479, 40.5998,
47.3992

■ 7.8384, 4.0649,
0.7428

■ 36.0383, 46.1782,
54.1862

■ 7.8057, 4.0171,
0.6775

■ 40.0333, 52.2236,
61.5128

Harmonies

Analogous

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



14.3917, 13.6485, 16.0611



14.4137, 13.6485, 13.9313



14.0392, 13.6485, 12.2206

Triad

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



14.4137, 13.6485, 13.9313



12.0145, 13.6485, 12.0801



12.5685, 13.6485, 19.1411

Complementary

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



14.4137, 13.6485, 13.9313



15.0241, 17.3381, 19.6952

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.



11.9612, 13.6485, 17.8564



14.4137, 13.6485, 13.9313



11.6498, 13.6485, 13.7220

Square

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



14.4137, 13.6485, 13.9313



12.6437, 13.6485, 11.2228



11.6307, 13.6485, 15.8310



13.3069, 13.6485, 19.2109

Rectangle

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



14.4137, 13.6485, 13.9313



13.6231, 13.6485, 11.4915



11.6307, 13.6485, 15.8310



12.3429, 13.6485, 18.8319

Sweetspot

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



14.4141, 13.6491, 13.9316



29.5609, 30.2849, 32.5037



15.2024, 13.9296, 19.6570



6.9590, 7.1075, 7.6148



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.4141, 13.6491, 13.9316



24.1666, 22.2443, 22.2339



15.1877, 15.3492, 13.7181



4.0117, 4.0204, 4.2594



8.5126, 4.3812, 0.7243



40.4620, 20.8411, 2.6970

Inverse Universe

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



14.4141, 13.6491, 13.9316



24.1666, 22.2443, 22.2339



14.1340, 15.3658, 19.9906



4.0117, 4.0204, 4.2594



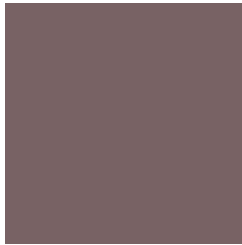
8.5126, 4.3812, 0.7243



40.4620, 20.8411, 2.6970

Previews

White Background



This preview shows how the XYZ color 14.4137, 13.6485, 13.9313 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 14.4137, 13.6485, 13.9313 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 14.4137, 13.6485, 13.9313

Background



This preview shows how black text looks on a background with the XYZ color 14.4137, 13.6485, 13.9313.



This preview shows how white text looks on a background with the XYZ color 14.4137, 13.6485,

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

14.4137, 13.6485, 13.9313

Protanopia

13.1241, 13.6830, 14.7813

Deuteranopia

13.9277, 13.6793, 13.9629



Tritanopia

14.7097, 13.6343, 15.2210

Trichromacy



Original Color

14.4137, 13.6485, 13.9313

Protanomaly

13.4824, 13.5817, 14.4813

Deuteranomaly

14.0982, 13.6257, 13.9436

Tritanomaly

14.6080, 13.5936, 14.6859

Monochromacy



Original Color

14.4137, 13.6485, 13.9313

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.6300, 13.7970, 14.7767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4137, 13.6485, 13.9313 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(120, 98, 100)` looks like.

```
.text, #text, p{  
    color:rgb(120, 98, 100)  
}
```

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(120, 98, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 98, 100) }
```

Border

The CSS property to change the border of an element to XYZ 14.4137, 13.6485, 13.9313 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(120, 98, 100) }
```


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

```
.border{ border-color:rgb(120, 98, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 98, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 98, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 98, 100);  
box-shadow:4px 4px 4px 4px rgb(120, 98,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4137, 13.6485, 13.9313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 98, 100) }
```

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

```
.background{ background-color: rgb(120, 98,  
100) }
```

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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