

Converting Colors

XYZ(14.0648, 13.8047, 10.6933)

Have a look what the booklet for
XYZ(14.0648, 13.8047, 10.6933)
contains.

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Color

**XYZ(14.1220, 13.8512,
10.7333)**

Conversions

Conversions Part 1

Format	Color
Hex	796456
RGB	121, 100, 86
RGB Percent	47%, 39%, 34%
CMY	0.5255, 0.6078, 0.6627
CMYK	0.00, 0.17, 0.29, 0.53
HSL	24°, 17%, 41%
HSV	24°, 29%, 47%
XYZ	14.1220, 13.8512, 10.7333
YIQ	104.6830, 17.0100, 0.0980

Conversions

Conversions Part 2

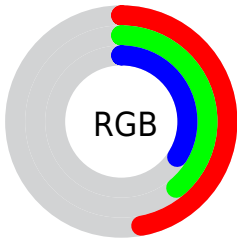
Format	Color
R_{YB}	121, 109, 86
Decimal	7955542
CIE _{Lab}	44.02, 6.12, 11.09
CIE _{LCh}	44, 12.669, 61.105
Yxy	13.8512, 0.3648, 0.3579
Android (android.graphics.Color)	4286145622 (0xFF796456)
YUV	104.6830, -9.2107, 14.3100
Hunter-Lab	37.2172, 2.6014, 8.9530

Details

The XYZ color **14.1220, 13.8512, 10.7333** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5464, 13.8737, 20.1057**, and the grayscale version is **13.3627, 14.0586, 15.3099**.

A 20% lighter version of the original color is **32.9661, 32.9095, 27.9072**, and **4.3458, 4.0840, 2.6571** is the 20% darker color. If you saturate the color by 10%, you get **13.0098, 12.3419, 8.1576**, and if you desaturate by 10%, it is **15.3796, 15.5189, 13.7651**.

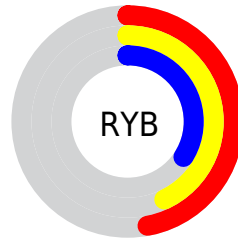
Distribution



Red (47%)

Green (39%)

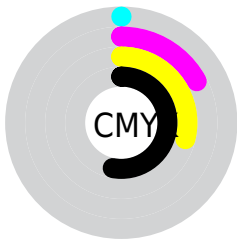
Blue (34%)



Red (47%)

Yellow (43%)

Blue (34%)

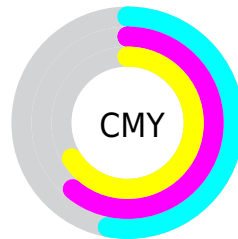


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (53%)



Cyan (53%)

Magenta (61%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1220, 13.8512, 10.7333 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 14.1220, 13.8512, 10.7333 by changing the saturation by 10% instead.

■ 14.1220, 13.8512,
10.7333

■ 14.1220, 13.8512,
10.7333

211.4839,
216.3032, 206.4999

■ 8.2878, 8.0172,
5.7759

■ 32.8898, 32.8248,
27.7950

■ 4.3330, 4.1060,
2.6427

■ 46.5542, 46.7332,
40.7364

■ 1.8922, 1.7330,
0.9144

■ 63.5593, 64.1019,
57.1761

■ 0.5723, 0.4449,
0.0000

■ 84.2705, 85.3152,
77.5329

■ 0.0000, 0.0000,
0.0000

■ 109.0533,
110.7576, 102.2250

138.2728,

140.8135, 131.6713

172.2946,
175.8672, 166.2900

■ 14.1220, 13.8512,
10.7333

■ 14.1220, 13.8512,
10.7333

■ 13.0098, 12.3419,
8.1576

■ 15.3796, 15.5189,
13.7651

■ 12.0360, 10.9843,
6.0146

■ 16.7868, 17.3476,
17.2729

■ 11.1949, 9.7737,
4.2804

■ 18.3492, 19.3427,
21.2766

■ 10.4798, 8.7047,
2.9280

■ 20.0716, 21.5081,
25.7946

■ 9.8831, 7.7714,
1.9274

■ 21.9586, 23.8482,
30.8445

■ 9.3965, 6.9672,
1.2440

■ 24.0147, 26.3668,
36.4430

■ 8.9986, 6.2804,
0.7753

■ 26.2442, 29.0677,
42.6060

■ 8.9590, 6.2126,
0.7270

■ 28.6512, 31.9547,
49.3487

■ 31.2395, 35.0312,
56.6859

Harmonies

Analogous

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



14.8916, 13.8512, 12.3972



14.1220, 13.8512, 10.7333



13.1279, 13.8512, 10.1937

Triad

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



14.1220, 13.8512, 10.7333



11.3245, 13.8512, 15.1887



14.1898, 13.8512, 20.3388

Complementary

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



14.1220, 13.8512, 10.7333



12.5464, 13.8737, 20.1057

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.



13.2025, 13.8512, 21.3252



14.1220, 13.8512, 10.7333



11.5776, 13.8512, 18.1280

Square

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



14.1220, 13.8512, 10.7333



11.5434, 13.8512, 12.5603



12.2525, 13.8512, 20.4695



14.9321, 13.8512, 17.9196

Rectangle

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



14.1220, 13.8512, 10.7333



12.4809, 13.8512, 10.4818



12.2525, 13.8512, 20.4695



13.8739, 13.8512, 20.8618

Sweetspot

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



14.1224, 13.8518, 10.7336



29.9813, 30.9627, 30.7301



13.8668, 11.7822, 15.4533



6.7830, 6.9865, 6.8442



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.



14.1224, 13.8518, 10.7336



23.8781, 22.8968, 15.9312



15.9845, 17.5762, 11.3543



4.1177, 4.2539, 4.2285



9.5904, 6.6367, 0.7755



44.9620, 30.0875, 3.4377

Inverse Universe

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



12.5464, 13.8737, 20.1057



20.5454, 22.9391, 35.7377



10.9032, 10.5873, 19.5580



3.9789, 4.2560, 5.0550



6.2117, 6.5059, 20.3137



28.7808, 29.3342, 96.6149

Previews

White Background



This preview shows how the XYZ color 14.1220, 13.8512, 10.7333 looks on a white background.

Color Contrast Check

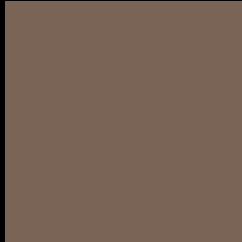
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1220, 13.8512, 10.7333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

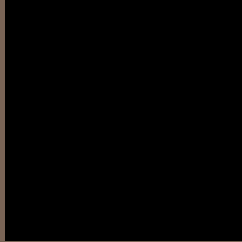
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1220, 13.8512, 10.7333

Background



This preview shows how black text looks on a background with the XYZ color 14.1220, 13.8512, 10.7333.



This preview shows how white text looks on a background with the XYZ color 14.1220, 13.8512,

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

14.1220, 13.8512, 10.7333

Protanopia

13.1422, 13.9202, 11.2267

Deuteranopia

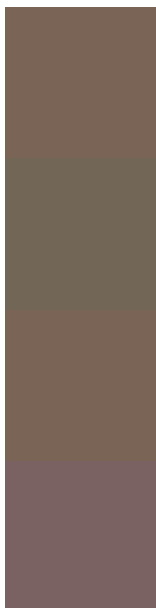
14.1220, 13.8512, 10.7333



Tritanopia

14.9929, 13.7803, 15.2342

Trichromacy



Original Color

14.1220, 13.8512, 10.7333

Protanomaly

13.5100, 13.9660, 11.0005

Deuteranomaly

14.1220, 13.8512, 10.7333

Tritanomaly

14.5983, 13.7548, 13.4408

Monochromacy



Original Color

14.1220, 13.8512, 10.7333

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.6104, 13.9618, 13.5328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1220, 13.8512, 10.7333 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(121, 100, 86)` looks like.

```
.text, #text, p{  
    color:rgb(121, 100, 86)  
}
```

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(121, 100, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 100, 86) }
```

Border

The CSS property to change the border of an element to XYZ 14.1220, 13.8512, 10.7333 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(121, 100, 86) }
```


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

```
.border{ border-color:rgb(121, 100, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 100, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 100, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 100, 86);  
box-shadow:4px 4px 4px 4px rgb(121, 100,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1220, 13.8512, 10.7333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 100, 86) }
```

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

```
.background{ background-color: rgb(121,  
100, 86) }
```

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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