

Converting Colors

XYZ(14.1453, 15.3517, 12.4821)

Have a look what the booklet for
XYZ(14.1453, 15.3517, 12.4821)
contains.

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Color

**XYZ(14.1073, 15.3217,
12.5698)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6E5D
RGB	111, 110, 93
RGB Percent	44%, 43%, 36%
CMY	0.5647, 0.5686, 0.6353
CMYK	0.00, 0.01, 0.16, 0.56
HSL	57°, 9%, 40%
HSV	57°, 16%, 44%
XYZ	14.1073, 15.3217, 12.5698
YIQ	108.3610, 6.0530, -5.0750

Conversions

Conversions Part 2

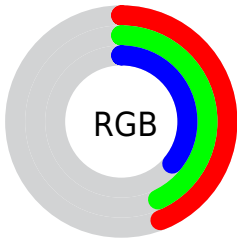
Format	Color
R_{YB}	94, 111, 93
Decimal	7302749
CIE Lab	46.07, -2.82, 9.64
CIE LCh	46, 10.040, 106.307
Yxy	15.3217, 0.3359, 0.3648
Android (android.graphics.Color)	4285492829 (0xFF6F6E5D)
YUV	108.3610, -7.5730, 2.3144
Hunter-Lab	39.1429, -4.1679, 8.3605

Details

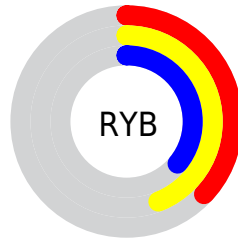
The XYZ color **14.1073, 15.3217, 12.5698** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.3862, 11.4801, 16.6549**, and the grayscale version is **14.3751, 15.1237, 16.4697**.

A 20% lighter version of the original color is **32.9825, 35.6104, 31.1217**, and **4.3405, 4.8170, 3.3903** is the 20% darker color. If you saturate the color by 10%, you get **13.5849, 15.0074, 10.1436**, and if you desaturate by 10%, it is **14.7023, 15.6668, 15.3728**.

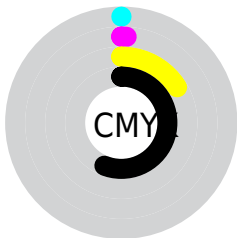
Distribution



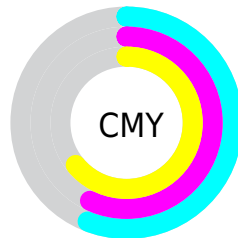
- Red (44%)
- Green (43%)
- Blue (36%)



- Red (37%)
- Yellow (44%)
- Blue (36%)



- Cyan (0%)
- Magenta (1%)
- Yellow (16%)
- Black (56%)



- Cyan (56%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1073, 15.3217, 12.5698 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 14.1073, 15.3217, 12.5698 by changing the saturation by 10% instead.

■ 14.1073, 15.3217,
12.5698

■ 14.1073, 15.3217,
12.5698

211.3946,
225.3052, 219.2520

■ 8.2775, 9.0455,
7.0058

■ 32.8640, 35.4166,
31.2085

■ 4.3263, 4.7709,
3.3872

■ 46.5216, 50.0040,
45.1202

■ 1.8884, 2.1135,
1.2956

■ 63.5192, 68.1306,
62.6516

■ 0.5701, 0.6722,
0.0582

■ 84.2222, 90.1808,
84.2211

■ 0.0000, 0.0000,
0.0000

108.9958,
116.5389, 110.2474

138.2055,

147.5895, 141.1490

172.2167,
183.7168, 177.3443

■ 14.1073, 15.3217,
12.5698

■ 14.1073, 15.3217,
12.5698

■ 13.5849, 15.0074,
10.1436

■ 14.7023, 15.6668,
15.3728

■ 13.1310, 14.7207,
8.0771

■ 15.3717, 16.0419,
18.5666

■ 12.7425, 14.4609,
6.3533

■ 16.1185, 16.4487,
22.1661

■ 12.4160, 14.2266,
4.9534

■ 16.9454, 16.8883,
26.1848

■ 12.1475, 14.0163,
3.8569

■ 17.8547, 17.3616,
30.6356

■ 11.9327, 13.8282,
3.0411

■ 18.8489, 17.8696,
35.5309

■ 11.7667, 13.6604,
2.4798

■ 19.9302, 18.4132,
40.8827

■ 11.6384, 13.5083,
2.1146

■ 21.1009, 18.9932,
46.7025

■ 11.5917, 13.4517,
1.9855

■ 22.3629, 19.6106,
53.0012

Harmonies

Analogous

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



14.9544, 15.3217, 12.5239



14.1073, 15.3217, 12.5698



13.4092, 15.3217, 13.6448

Triad

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



14.1073, 15.3217, 12.5698



13.4594, 15.3217, 20.3133



16.2145, 15.3217, 17.8191

Complementary

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



14.1073, 15.3217, 12.5698



11.3862, 11.4801, 16.6549

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.



15.7807, 15.3217, 20.1410



14.1073, 15.3217, 12.5698



14.1782, 15.3217, 21.6732

Square

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



14.1073, 15.3217, 12.5698



13.0453, 15.3217, 18.0362



15.0280, 15.3217, 21.6072



16.1937, 15.3217, 15.3987

Rectangle

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



14.1073, 15.3217, 12.5698



13.1125, 15.3217, 14.8662



15.0280, 15.3217, 21.6072



16.1163, 15.3217, 18.6415

Sweetspot

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



14.1077, 15.3224, 12.5701



26.4496, 28.1236, 28.1104



12.4995, 12.0202, 12.2984



6.3394, 6.7481, 6.6825



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.1077, 15.3224, 12.5701



24.9389, 27.2450, 21.0010



13.2769, 15.0548, 12.5623



3.6268, 3.8861, 3.6323



13.6531, 15.8387, 2.3376



67.8014, 78.4779, 11.5742

Inverse Universe

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



11.3862, 11.4801, 16.6549



19.2013, 19.1447, 29.6131



12.1283, 11.7318, 16.6644



3.2311, 3.3274, 4.2262



3.4532, 1.4966, 17.8285



16.9958, 7.0434, 88.7429

Previews

White Background



This preview shows how the XYZ color 14.1073, 15.3217, 12.5698 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 14.1073, 15.3217, 12.5698 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

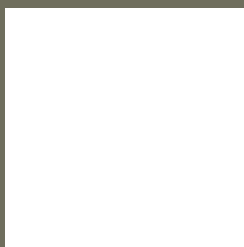
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1073, 15.3217, 12.5698

Background



This preview shows how black text looks on a background with the XYZ color 14.1073, 15.3217, 12.5698.



This preview shows how white text looks on a background with the XYZ color 14.1073, 15.3217,

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

14.1073, 15.3217, 12.5698

Protanopia

14.4706, 15.3548, 12.3263

Deuteranopia

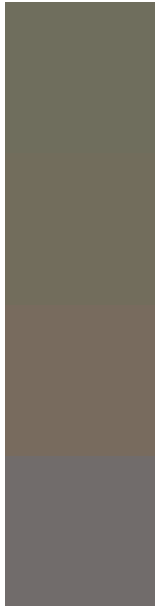
15.5294, 15.2713, 12.7188



Tritanopia

15.2916, 15.3306, 18.3728

Trichromacy



Original Color

14.1073, 15.3217, 12.5698

Protanomaly

14.3398, 15.2874, 12.3202

Deuteranomaly

15.0238, 15.3166, 12.7542

Tritanomaly

14.8265, 15.2974, 16.0812

Monochromacy



Original Color

14.1073, 15.3217, 12.5698

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2235, 15.1678, 15.0100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1073, 15.3217, 12.5698 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(111, 110, 93)` looks like.

```
.text, #text, p{  
    color:rgb(111, 110, 93)  
}
```

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(111, 110, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 110, 93) }
```

Border

The CSS property to change the border of an element to XYZ 14.1073, 15.3217, 12.5698 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(111, 110, 93) }
```


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

```
.border{ border-color:rgb(111, 110, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 110, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 110, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 110, 93);  
box-shadow:4px 4px 4px 4px rgb(111, 110,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1073, 15.3217, 12.5698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 110, 93) }
```

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

```
.background{ background-color: rgb(111,  
110, 93) }
```

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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