

Converting Colors

XYZ(14.0292, 14.0371, 10.3360)

Have a look what the booklet for
XYZ(14.0292, 14.0371, 10.3360)
contains.

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Color

**XYZ(14.0973, 14.1359,
10.3730)**

Conversions

Conversions Part 1

Format	Color
Hex	786654
RGB	120, 102, 84
RGB Percent	47%, 40%, 33%
CMY	0.5294, 0.6000, 0.6706
CMYK	0.00, 0.15, 0.30, 0.53
HSL	30°, 18%, 40%
HSV	30°, 30%, 47%
XYZ	14.0973, 14.1359, 10.3730
YIQ	105.3300, 16.5060, -1.7820

Conversions

Conversions Part 2

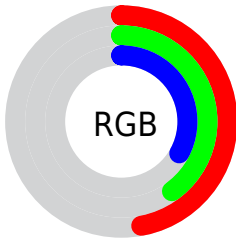
Format	Color
R_{YB}	120, 120, 84
Decimal	7890516
CIE _{Lab}	44.43, 4.21, 12.84
CIE _{LCh}	44, 13.513, 71.862
Yxy	14.1359, 0.3652, 0.3662
Android (android.graphics.Color)	4286080596 (0xFF786654)
YUV	105.3300, -10.5157, 12.8656
Hunter-Lab	37.5977, 1.1327, 9.9606

Details

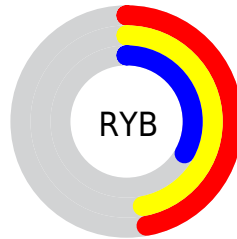
The XYZ color **14.0973, 14.1359, 10.3730** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7975, 12.7432, 19.6071**, and the grayscale version is **13.5416, 14.2468, 15.5148**.

A 20% lighter version of the original color is **32.9279, 33.3879, 27.2633**, and **4.3309, 4.2185, 2.5054** is the 20% darker color. If you saturate the color by 10%, you get **13.0987, 12.8275, 7.9166**, and if you desaturate by 10%, it is **15.2199, 15.5632, 13.2684**.

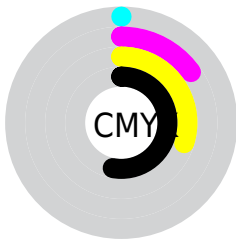
Distribution



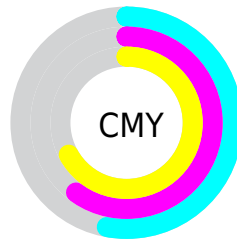
- Red (47%)
- Green (40%)
- Blue (33%)



- Red (47%)
- Yellow (47%)
- Blue (33%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0973, 14.1359, 10.3730 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 14.0973, 14.1359, 10.3730 by changing the saturation by 10% instead.

■ 14.0973, 14.1359,
10.3730

■ 14.0973, 14.1359,
10.3730

211.3338,
218.0746, 203.8945

■ 8.2705, 8.2152,
5.5381

■ 32.8464, 33.3300,
27.1135

■ 4.3218, 4.2330,
2.5021

■ 46.4994, 47.3722,
39.8561

■ 1.8857, 1.8047,
0.8413

■ 63.4919, 64.8903,
56.0718

■ 0.5685, 0.4901,
0.0000

■ 84.1892, 86.2689,
76.1791

■ 0.0000, 0.0000,
0.0000

■ 108.9567,
111.8922, 100.5964

138.1598,

142.1447, 129.7424

172.1637,
177.4107, 164.0356

■ 14.0973, 14.1359,
10.3730

■ 14.0973, 14.1359,
10.3730

■ 13.0987, 12.8275,
7.9166

■ 15.2199, 15.5632,
13.2684

■ 12.2179, 11.6325,
5.8764

■ 16.4700, 17.1107,
16.6222

■ 11.4500, 10.5481,
4.2289

■ 17.8524, 18.7822,
20.4540

■ 10.7891, 9.5702,
2.9477

■ 19.3714, 20.5806,
24.7816

■ 10.2285, 8.6948,
2.0034

■ 21.0309, 22.5088,
29.6221

■ 9.7608, 7.9171,
1.3616

■ 22.8346, 24.5696,
34.9918

■ 9.3621, 7.2258,
0.9013

■ 24.7864, 26.7657,
40.9061

■ 9.3621, 7.2258,
0.9013

■ 26.8896, 29.0996,
47.3800

■ 29.1478, 31.5740,
54.4278

Harmonies

Analogous

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



15.0541, 14.1359, 11.7309



14.0973, 14.1359, 10.3730



13.0105, 14.1359, 10.2431

Triad

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



14.0973, 14.1359, 10.3730



11.4914, 14.1359, 16.6557



14.8801, 14.1359, 20.2965

Complementary

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



14.0973, 14.1359, 10.3730



11.7975, 12.7432, 19.6071

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.



13.8702, 14.1359, 22.0279



14.0973, 14.1359, 10.3730



11.9378, 14.1359, 19.7441

Square

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



14.0973, 14.1359, 10.3730



11.5449, 14.1359, 13.6015



12.7952, 14.1359, 21.8131



15.5225, 14.1359, 17.3322

Rectangle

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



14.0973, 14.1359, 10.3730



12.3618, 14.1359, 10.8449



12.7952, 14.1359, 21.8131



14.5701, 14.1359, 21.0589

Sweetspot

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



14.0977, 14.1365, 10.3733



29.1488, 30.3158, 29.7298



13.3144, 11.2932, 14.0485



6.8413, 7.1030, 6.8636



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.



14.0977, 14.1365, 10.3733



23.5633, 23.2572, 15.1904



16.0624, 18.0661, 11.0282



4.1485, 4.3154, 4.2388



10.1993, 7.8544, 0.9785



47.8003, 35.7640, 4.3838

Inverse Universe

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



11.7975, 12.7432, 19.6071



18.8290, 20.3892, 34.1962



10.2168, 9.5817, 19.0802



3.9477, 4.1938, 5.0446



5.4465, 4.9754, 20.0586



25.1292, 22.0310, 95.3977

Previews

White Background



This preview shows how the XYZ color 14.0973, 14.1359, 10.3730 looks on a white background.

Color Contrast Check

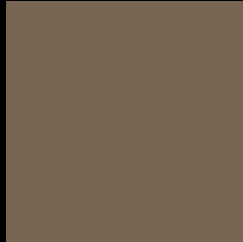
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0973, 14.1359, 10.3730 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 14.0973, 14.1359, 10.3730

Background



This preview shows how black text looks on a background with the XYZ color 14.0973, 14.1359, 10.3730.

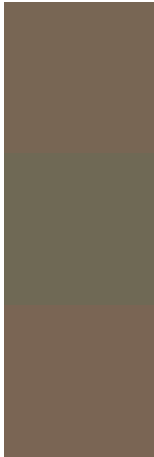


This preview shows how white text looks on a background with the XYZ color 14.0973, 14.1359,

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

14.0973, 14.1359, 10.3730

Protanopia

13.2468, 14.1385, 10.6252

Deuteranopia

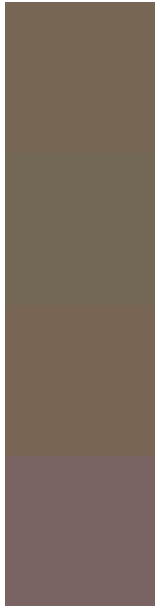
14.2800, 14.0850, 10.3536



Tritanopia

15.2841, 14.1962, 15.8445

Trichromacy



Original Color

14.0973, 14.1359, 10.3730

Protanomaly

13.5294, 14.1339, 10.6094

Deuteranomaly

14.1391, 14.0124, 10.3470

Tritanomaly

14.8353, 14.1528, 13.7542

Monochromacy



Original Color

14.0973, 14.1359, 10.3730

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5384, 14.0787, 13.3132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0973, 14.1359, 10.3730 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, 102, 84)` looks like.

```
.text, #text, p{  
    color:rgb(120, 102, 84)  
}
```

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, 102, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 102, 84) }
```

Border

The CSS property to change the border of an element to XYZ 14.0973, 14.1359, 10.3730 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, 102, 84) }
```


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

```
.border{ border-color:rgb(120, 102, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 102, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 102, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 102, 84);  
box-shadow:4px 4px 4px 4px rgb(120, 102,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0973, 14.1359, 10.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 102, 84) }
```

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

```
.background{ background-color: rgb(120,  
102, 84) }
```

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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