

Converting Colors

XYZ(13.6483, 14.1980, 14.3561)

Have a look what the booklet for
XYZ(13.6483, 14.1980, 14.3561)
contains.

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Color

**XYZ(13.7072, 14.2939,
14.3485)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6965
RGB	109, 105, 101
RGB Percent	43%, 41%, 40%
CMY	0.5725, 0.5882, 0.6039
CMYK	0.00, 0.04, 0.07, 0.57
HSL	30°, 4%, 41%
HSV	30°, 7%, 43%
XYZ	13.7072, 14.2939, 14.3485
YIQ	105.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

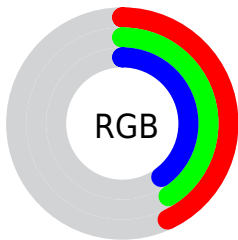
Format	Color
RYB	109, 109, 101
Decimal	7170405
CIELab	44.65, 0.78, 2.80
CIElCh	45, 2.901, 74.494
Yxy	14.2939, 0.3237, 0.3375
Android (android.graphics.Color)	4285360485 (0xFF6D6965)
YUV	105.7400, -2.3368, 2.8590
Hunter-Lab	37.8073, -1.4467, 3.9635

Details

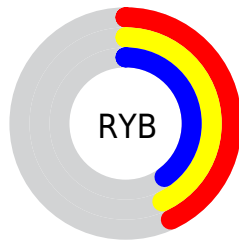
The XYZ color **13.7072, 14.2939, 14.3485** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.1788, 13.9738, 16.4708**, and the grayscale version is **13.6343, 14.3443, 15.6209**.

A 20% lighter version of the original color is **32.0532, 33.5175, 34.4859**, and **4.1655, 4.3166, 4.1037** is the 20% darker color. If you saturate the color by 10%, you get **12.6711, 13.0203, 11.5407**, and if you desaturate by 10%, it is **14.8505, 15.6682, 17.5419**.

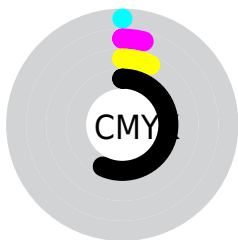
Distribution



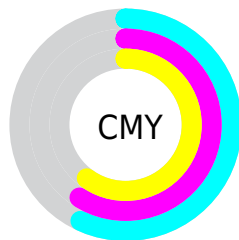
- Red (43%)
- Green (41%)
- Blue (40%)



- Red (43%)
- Yellow (43%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (57%)



- Cyan (57%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7072, 14.2939, 14.3485 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 13.7072, 14.2939, 14.3485 by changing the saturation by 10% instead.

■ 13.7072, 14.2939,
14.3485

■ 13.7072, 14.2939,
14.3485

208.9489,
219.0516, 230.8915

■ 7.9976, 8.3254,
8.2219

■ 32.1592, 33.6096,
34.4321

■ 4.1452, 4.3038,
4.1475

■ 45.6324, 47.7256,
49.2262

■ 1.7846, 1.8449,
1.7066

■ 62.4241, 65.3261,
67.7466

■ 0.5084, 0.5150,
0.3652

■ 82.8998, 86.7957,
90.4118

■ 0.0000, 0.0000,
0.0000

107.4247,
112.5186, 117.6404

136.3643,

142.8793, 149.8508

170.0839,
178.2622, 187.4617

■ 13.7072, 14.2939,
14.3485

■ 13.7072, 14.2939,
14.3485

■ 12.6711, 13.0203,
11.5407

■ 14.8505, 15.6682,
17.5419

■ 11.7376, 11.8432,
9.1028

■ 16.1031, 17.1436,
21.1340

■ 10.9035, 10.7605,
7.0194

■ 17.4684, 18.7230,
25.1383

■ 10.1648, 9.7697,
5.2735

■ 18.9496, 20.4087,
29.5676

■ 9.5175, 8.8678,
3.8468

■ 20.5493, 22.2026,
34.4340

■ 8.9570, 8.0520,
2.7194

■ 22.2704, 24.1068,
39.7490

■ 8.4784, 7.3189,
1.8687

■ 24.1155, 26.1234,
45.5239

■ 8.0760, 6.6651,
1.2692

■ 26.0873, 28.2542,
51.7695

■ 7.7355, 6.0834,
0.8498

■ 28.1881, 30.5010,
58.4963

Harmonies

Analogous

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



13.9111, 14.2939, 14.6733



13.7072, 14.2939, 14.3485



13.4730, 14.2939, 14.3429

Triad

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



13.7072, 14.2939, 14.3485



13.1527, 14.2939, 15.8901



13.9054, 14.2939, 16.5060

Complementary

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



13.7072, 14.2939, 14.3485



13.1788, 13.9738, 16.4708

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.



13.6994, 14.2939, 16.8517



13.7072, 14.2939, 14.3485



13.2658, 14.2939, 16.4892

Square

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



13.7072, 14.2939, 14.3485



13.1547, 14.2939, 15.2199



13.4654, 14.2939, 16.8455



14.0264, 14.2939, 15.9125

Rectangle

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



13.7072, 14.2939, 14.3485



13.3314, 14.2939, 14.5202



13.4654, 14.2939, 16.8455



13.8437, 14.2939, 16.6558

Sweetspot

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



13.7076, 14.2945, 14.3488



25.6025, 26.8734, 28.6270



13.5104, 13.5787, 15.2737



5.9659, 6.2633, 6.6842



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



13.7076, 14.2945, 14.3488



24.1762, 25.1468, 24.6804



14.1245, 15.1283, 14.4878



3.2131, 3.3435, 3.2935



8.9238, 6.8974, 0.8610



44.6018, 33.4073, 4.0975

Inverse Universe

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



13.1788, 13.9738, 16.4708



22.9973, 24.4319, 29.4110



12.7811, 13.1784, 16.3382



3.0617, 3.2517, 3.9011



4.7733, 4.3809, 17.5163



23.4530, 20.5846, 88.9633

Previews

White Background



This preview shows how the XYZ color 13.7072, 14.2939, 14.3485 looks on a white background.

Color Contrast Check

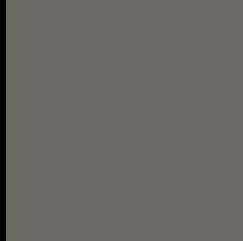
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.7072, 14.2939, 14.3485 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

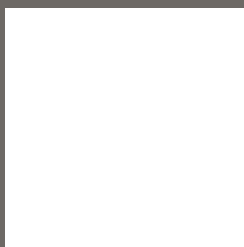
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.7072, 14.2939, 14.3485

Background



This preview shows how black text looks on a background with the XYZ color 13.7072, 14.2939, 14.3485.



This preview shows how white text looks on a background with the XYZ color 13.7072, 14.2939,

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

13.7072, 14.2939, 14.3485

Protanopia

13.7072, 14.2939, 14.3485

Deuteranopia

14.4858, 14.2440, 14.5562



Tritanopia

14.3304, 14.2499, 17.3244

Trichromacy



Original Color

13.7072, 14.2939, 14.3485

Protanomaly

13.7072, 14.2939, 14.3485

Deuteranomaly

14.1880, 14.2372, 14.5706

Tritanomaly

14.0875, 14.2983, 16.2047

Monochromacy



Original Color

13.7072, 14.2939, 14.3485

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.7161, 14.4333, 15.1597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7072, 14.2939, 14.3485 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(109, 105, 101)` looks like.

```
.text, #text, p{  
    color:rgb(109, 105, 101)  
}
```

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(109, 105, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 105, 101) }
```

Border

The CSS property to change the border of an element to XYZ 13.7072, 14.2939, 14.3485 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(109, 105, 101) }
```


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

```
.border{ border-color:rgb(109, 105, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 105, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 105, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 105, 101);  
box-shadow:4px 4px 4px 4px rgb(109, 105,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7072, 14.2939, 14.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 105, 101) }
```

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

```
.background{ background-color: rgb(109,  
105, 101) }
```

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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