

Converting Colors

XYZ(13.6486, 14.0873, 16.6521)

Have a look what the booklet for
XYZ(13.6486, 14.0873, 16.6521)
contains.

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Color

**XYZ(13.7086, 14.0906,
16.7491)**

Conversions

Conversions Part 1

Format	Color
Hex	6A686E
RGB	106, 104, 110
RGB Percent	42%, 41%, 43%
CMY	0.5843, 0.5921, 0.5686
CMYK	0.04, 0.05, 0.00, 0.57
HSL	260°, 3%, 42%
HSV	260°, 5%, 43%
XYZ	13.7086, 14.0906, 16.7491
YIQ	105.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

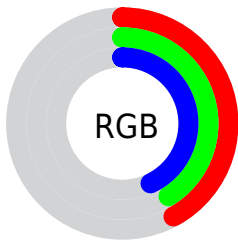
Format	Color
R_{YB}	106, 104, 110
Decimal	6973550
CIE Lab	44.36, 2.03, -3.09
CIE LCh	44, 3.696, 303.314
Yxy	14.0906, 0.3077, 0.3163
Android (android.graphics.Color)	4285163630 (0xFF6A686E)
YUV	105.2820, 2.3260, 0.6297
Hunter-Lab	37.5374, -0.5027, -0.1788

Details

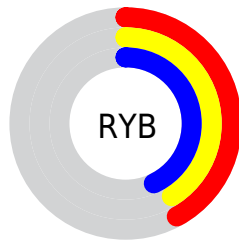
The XYZ color **13.7086, 14.0906, 16.7491** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2596, 15.3399, 15.3068**, and the grayscale version is **13.4981, 14.2010, 15.4649**.

A 20% lighter version of the original color is **32.1476, 33.2194, 38.9001**, and **4.1640, 4.2149, 5.2967** is the 20% darker color. If you saturate the color by 10%, you get **11.8380, 11.5887, 16.3650**, and if you desaturate by 10%, it is **15.7991, 16.9211, 17.1855**.

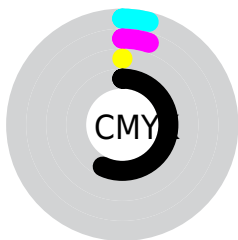
Distribution



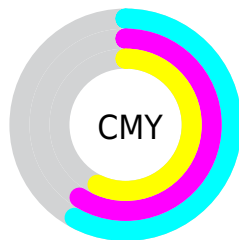
- Red (42%)
- Green (41%)
- Blue (43%)



- Red (42%)
- Yellow (41%)
- Blue (43%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (57%)



- Cyan (58%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7086, 14.0906, 16.7491 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 13.7086, 14.0906, 16.7491 by changing the saturation by 10% instead.

■ 13.7086, 14.0906,
16.7491

■ 13.7086, 14.0906,
16.7491

208.9575,
217.7937, 245.7171

■ 7.9986, 8.1837,
9.8957

■ 32.1617, 33.2497,
38.6786

■ 4.1459, 4.2127,
5.2252

■ 45.6355, 47.2707,
54.5918

■ 1.7850, 1.7933,
2.3189

■ 62.4280, 64.7652,
74.3620

■ 0.5086, 0.4830,
0.7418

■ 82.9044, 86.1175,
98.4078

■ 0.0000, 0.0000,
0.0000

107.4303,
111.7122, 127.1476

136.3708,

141.9335, 161.0001

170.0914,
177.1659, 200.3838

■ 13.7086, 14.0906,
16.7491

■ 13.7086, 14.0906,
16.7491

■ 11.8380, 11.5887,
16.3650

■ 15.7991, 16.9211,
17.1855

■ 10.1786, 9.4016,
16.0303

■ 18.1153, 20.0897,
17.6750

■ 8.7231, 7.5169,
15.7432

■ 20.6644, 23.6081,
18.2198

■ 7.4631, 5.9212,
15.5016

■ 23.4527, 27.4864,
18.8214

■ 6.3896, 4.5994,
15.3031

■ 26.4864, 31.7348,
19.4815

■ 5.4930, 3.5356,
15.1450

■ 29.7716, 36.3626,
20.2016

■ 4.7625, 2.7119,
15.0245

■ 33.3138, 41.3792,
20.9832

■ 4.1862, 2.1081,
14.9383

■ 37.1188, 46.7934,
21.8277

■ 3.7426, 1.6849,
14.8800

■ 41.1917, 52.6137,
22.7365

Harmonies

Analogous

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



13.4257, 14.0906, 17.0326



13.7086, 14.0906, 16.7491



13.9091, 14.0906, 16.0881

Triad

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



13.7086, 14.0906, 16.7491



13.6506, 14.0906, 13.9277



12.8310, 14.0906, 15.4370

Complementary

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



13.7086, 14.0906, 16.7491



14.2596, 15.3399, 15.3068

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.



12.8892, 14.0906, 14.6199



13.7086, 14.0906, 16.7491



13.3597, 14.0906, 13.7677

Square

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



13.7086, 14.0906, 16.7491



13.8753, 14.0906, 14.4619



13.0817, 14.0906, 14.0165



12.9214, 14.0906, 16.2576

Rectangle

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



13.7086, 14.0906, 16.7491



13.9676, 14.0906, 15.5333



13.0817, 14.0906, 14.0165



12.8338, 14.0906, 15.1528

Sweetspot

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



13.7090, 14.0912, 16.7494



25.2794, 26.3704, 29.6649



13.8970, 14.8156, 16.8793



5.8968, 6.1557, 6.9061



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.



13.7090, 14.0912, 16.7494



23.4784, 23.9439, 29.2914



14.0596, 14.2720, 16.7658



3.4008, 3.4678, 4.2443



4.2527, 1.8018, 17.8452



20.3545, 8.5475, 88.8562

Inverse Universe

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



14.0881, 14.2990, 16.2058



24.3485, 24.4211, 28.0375



13.9126, 15.1610, 15.2906



3.5274, 3.5372, 4.0619



9.1706, 4.5606, 7.9745



45.2710, 22.5537, 37.5550

Previews

White Background



This preview shows how the XYZ color 13.7086, 14.0906, 16.7491 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 13.7086, 14.0906, 16.7491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

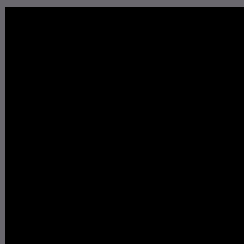
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

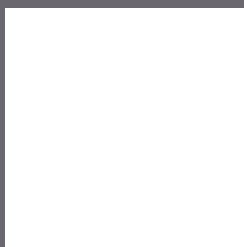
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.7086, 14.0906, 16.7491

Background



This preview shows how black text looks on a background with the XYZ color 13.7086, 14.0906, 16.7491.



This preview shows how white text looks on a background with the XYZ color 13.7086, 14.0906,

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

13.7086, 14.0906, 16.7491

Protanopia

13.5905, 14.0297, 16.7436

Deuteranopia

14.2479, 14.0733, 16.7173



Tritanopia

13.8188, 14.1347, 17.3292

Trichromacy



Original Color

13.7086, 14.0906, 16.7491

Protanomaly

13.5905, 14.0297, 16.7436

Deuteranomaly

14.0951, 14.1413, 16.7385

Tritanomaly

13.7634, 14.1125, 17.0375

Monochromacy



Original Color

13.7086, 14.0906, 16.7491

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5311, 14.1679, 15.9314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7086, 14.0906, 16.7491 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(106, 104, 110)` looks like.

```
.text, #text, p{  
    color:rgb(106, 104, 110)  
}
```

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(106, 104, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 104, 110) }
```

Border

The CSS property to change the border of an element to XYZ 13.7086, 14.0906, 16.7491 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(106, 104, 110) }
```


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

```
.border{ border-color:rgb(106, 104, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 104, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 104, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 104, 110);  
box-shadow:4px 4px 4px 4px rgb(106, 104,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7086, 14.0906, 16.7491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 104, 110) }
```

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

```
.background{ background-color: rgb(106,  
104, 110) }
```

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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