

Converting Colors

XYZ(14.2043, 15.6976, 14.0198)

Have a look what the booklet for
XYZ(14.2043, 15.6976, 14.0198)
contains.

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Color

**XYZ(14.2306, 15.6773,
14.0804)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7063
RGB	108, 112, 99
RGB Percent	42%, 44%, 39%
CMY	0.5765, 0.5608, 0.6118
CMYK	0.04, 0.00, 0.12, 0.56
HSL	78°, 6%, 41%
HSV	78°, 12%, 44%
XYZ	14.2306, 15.6773, 14.0804
YIQ	109.3220, 1.7890, -4.8910

Conversions

Conversions Part 2

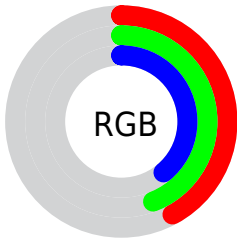
Format	Color
RYB	99, 112, 103
Decimal	7106659
CIELab	46.55, -4.10, 6.70
CIELCh	47, 7.860, 121.477
Yxy	15.6773, 0.3235, 0.3564
Android (android.graphics.Color)	4285296739 (0xFF6C7063)
YUV	109.3220, -5.0887, -1.1594
Hunter-Lab	39.5946, -5.1362, 6.6318

Details

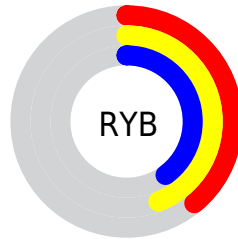
The XYZ color **14.2306, 15.6773, 14.0804** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9806, 12.9776, 17.1508**, and the grayscale version is **14.6413, 15.4038, 16.7747**.

A 20% lighter version of the original color is **33.0786, 36.1239, 34.0833**, and **4.4005, 4.9159, 4.0851** is the 20% darker color. If you saturate the color by 10%, you get **13.3209, 15.2664, 11.4339**, and if you desaturate by 10%, it is **15.2320, 16.1278, 17.1195**.

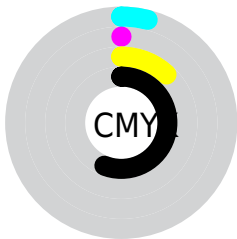
Distribution



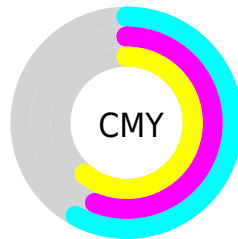
- Red (42%)
- Green (44%)
- Blue (39%)



- Red (39%)
- Yellow (44%)
- Blue (40%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (56%)



- Cyan (58%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2306, 15.6773, 14.0804 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 14.2306, 15.6773, 14.0804 by changing the saturation by 10% instead.

■ 14.2306, 15.6773,
14.0804

■ 14.2306, 15.6773,
14.0804

212.1427,
227.4299, 229.1762

■ 8.3640, 9.2961,
8.0372

■ 33.0805, 36.0371,
33.9508

■ 4.3825, 4.9348,
4.0307

■ 46.7945, 50.7844,
48.6151

■ 1.9207, 2.2091,
1.6422

■ 63.8550, 69.0893,
66.9902

■ 0.5888, 0.7249,
0.3207

■ 84.6274, 91.3360,
89.4946

■ 0.0000, 0.0000,
0.0000

109.4770,
117.9091, 116.5468

138.7692,

149.1928, 148.5655

172.8693,
185.5716, 185.9691

■ 14.2306, 15.6773,
14.0804

■ 14.2306, 15.6773,
14.0804

■ 13.3209, 15.2664,
11.4339

■ 15.2320, 16.1278,
17.1195

■ 12.4985, 14.8919,
9.1631

■ 16.3269, 16.6171,
20.5655

■ 11.7602, 14.5529,
7.2512

■ 17.5187, 17.1471,
24.4327

■ 11.1025, 14.2479,
5.6797

■ 18.8100, 17.7189,
28.7350

■ 10.5213, 13.9754,
4.4284

■ 20.2036, 18.3336,
33.4853

■ 10.0122, 13.7335,
3.4754

■ 21.7020, 18.9923,
38.6960

■ 9.5702, 13.5202,
2.7954

■ 23.3075, 19.6959,
44.3791

■ 9.1895, 13.3332,
2.3591

■ 25.0226, 20.4453,
50.5461

■ 8.8974, 13.1886,
2.0767

■ 26.8496, 21.2416,
57.2082

Harmonies

Analogous

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



14.8672, 15.6773, 13.6039



14.2306, 15.6773, 14.0804



13.7848, 15.6773, 15.3489

Triad

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



14.2306, 15.6773, 14.0804



14.2871, 15.6773, 20.5639



16.2420, 15.6773, 16.9739

Complementary

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



14.2306, 15.6773, 14.0804



12.9806, 12.9776, 17.1508

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.



16.0755, 15.6773, 18.9150



14.2306, 15.6773, 14.0804



14.9344, 15.6773, 21.0797

Square

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



14.2306, 15.6773, 14.0804



13.8167, 15.6773, 19.0940



15.5917, 15.6773, 20.4552



16.0402, 15.6773, 15.1942

Rectangle

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



14.2306, 15.6773, 14.0804



13.6487, 15.6773, 16.5227



15.5917, 15.6773, 20.4552



16.2272, 15.6773, 17.6291

Sweetspot

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



14.2310, 15.6780, 14.0807



26.4888, 28.2107, 29.2443



13.7751, 14.0267, 13.7860



6.3332, 6.7637, 6.9316



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.



14.2310, 15.6780, 14.0807



24.5425, 27.3350, 23.3850



13.4811, 15.2914, 14.0456



3.5468, 3.8672, 3.6328



10.2617, 15.2338, 2.3996



50.2071, 75.4167, 11.9107

Inverse Universe

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



12.9806, 12.9776, 17.1508



21.8728, 21.5691, 29.9402



13.7430, 13.3706, 17.1865



3.3053, 3.3457, 4.2258



4.1403, 1.7438, 17.8400



19.8346, 8.2795, 88.8318

Previews

White Background



This preview shows how the XYZ color 14.2306, 15.6773, 14.0804 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 14.2306, 15.6773, 14.0804 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

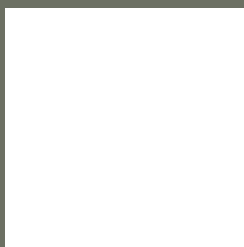
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2306, 15.6773, 14.0804

Background



This preview shows how black text looks on a background with the XYZ color 14.2306, 15.6773, 14.0804.



This preview shows how white text looks on a background with the XYZ color 14.2306, 15.6773,

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

14.2306, 15.6773, 14.0804

Protanopia

14.8508, 15.6785, 13.7988

Deuteranopia

15.9117, 15.5881, 14.2268



Tritanopia

15.2942, 15.6248, 19.3493

Trichromacy



Original Color

14.2306, 15.6773, 14.0804

Protanomaly

14.5711, 15.6955, 13.8168

Deuteranomaly

15.2706, 15.5672, 14.2565

Tritanomaly

14.8756, 15.6146, 17.2688

Monochromacy



Original Color

14.2306, 15.6773, 14.0804

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.4324, 15.4230, 15.5809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2306, 15.6773, 14.0804 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(108, 112, 99)` looks like.

```
.text, #text, p{  
    color:rgb(108, 112, 99)  
}
```

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(108, 112, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 112, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.2306, 15.6773, 14.0804 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(108, 112, 99) }
```


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

```
.border{ border-color:rgb(108, 112, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 112, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 112, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 112, 99);  
box-shadow:4px 4px 4px 4px rgb(108, 112,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2306, 15.6773, 14.0804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 112, 99) }
```

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

```
.background{ background-color: rgb(108,  
112, 99) }
```

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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