

Converting Colors

XYZ(14.1381, 15.5947, 17.1615)

Have a look what the booklet for
XYZ(14.1381, 15.5947, 17.1615)
contains.

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Color

**XYZ(14.1429, 15.5608,
17.2971)**

Conversions

Conversions Part 1

Format	Color
Hex	66706F
RGB	102, 112, 111
RGB Percent	40%, 44%, 44%
CMY	0.6000, 0.5608, 0.5647
CMYK	0.09, 0.00, 0.01, 0.56
HSL	174°, 5%, 42%
HSV	174°, 9%, 44%
XYZ	14.1429, 15.5608, 17.2971
YIQ	108.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

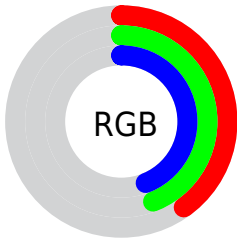
Format	Color
R_{YB}	102, 107, 112
Decimal	6713455
CIE _{Lab}	46.39, -3.98, -0.74
CIE _{LCh}	46, 4.050, 190.587
Yxy	15.5608, 0.3009, 0.3311
Android (android.graphics.Color)	4284903535 (0xFF66706F)
YUV	108.8960, 1.0373, -6.0478
Hunter-Lab	39.4472, -5.0354, 1.6151

Details

The XYZ color **14.1429, 15.5608, 17.2971** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8822, 13.9272, 14.7892**, and the grayscale version is **14.5050, 15.2604, 16.6186**.

A 20% lighter version of the original color is **33.0232, 35.9676, 39.8523**, and **4.3061, 4.8379, 5.4095** is the 20% darker color. If you saturate the color by 10%, you get **12.8971, 14.9261, 16.9187**, and if you desaturate by 10%, it is **15.5619, 16.2856, 17.6883**.

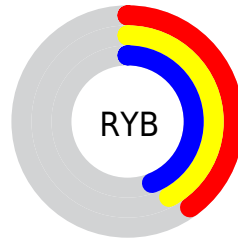
Distribution



Red (40%)

Green (44%)

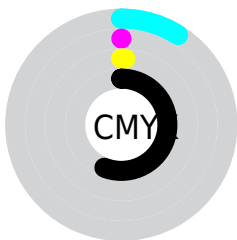
Blue (44%)



Red (40%)

Yellow (42%)

Blue (44%)

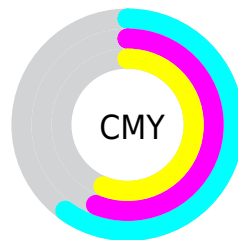


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (56%)



Cyan (60%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1429, 15.5608, 17.2971 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 14.1429, 15.5608, 17.2971 by changing the saturation by 10% instead.

■ 14.1429, 15.5608,
17.2971

■ 14.1429, 15.5608,
17.2971

211.6109,
226.7360, 248.9804

■ 8.3025, 9.2139,
10.2823

■ 32.9265, 35.8340,
39.6335

■ 4.3425, 4.8810,
5.4785

■ 46.6004, 50.5292,
55.7923

■ 1.8977, 2.1776,
2.4671

■ 63.6162, 68.7758,
75.8361

■ 0.5755, 0.7077,
0.8226

■ 84.3393, 90.9584,
100.1835

■ 0.0000, 0.0000,
0.0000

109.1349,
117.4613, 129.2532

138.3685,

148.6690, 163.4635

172.4053,
184.9657, 203.2330

■ 14.1429, 15.5608,
17.2971

■ 14.1429, 15.5608,
17.2971

■ 12.8971, 14.9261,
16.9187

■ 15.5619, 16.2856,
17.6883

■ 11.8164, 14.3760,
16.5518

■ 17.1592, 17.1017,
18.0915

■ 10.8938, 13.9073,
16.1963

■ 18.9413, 18.0131,
18.5075

■ 10.1216, 13.5160,
15.8518

■ 20.9142, 19.0227,
18.9365

■ 9.4912, 13.1978,
15.5180

■ 23.0834, 20.1334,
19.3788

■ 8.9933, 12.9477,
15.1943

■ 25.4541, 21.3479,
19.8346

■ 8.6174, 12.7605,
14.8803

■ 28.0316, 22.6690,
20.3043

■ 8.3514, 12.6298,
14.5754

■ 30.8208, 24.0990,
20.7880

■ 8.1539, 12.5344,
14.2777

■ 33.8265, 25.6406,
21.2860

Harmonies

Analogous

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



14.1688, 15.5608, 16.3149



14.1429, 15.5608, 17.2971



14.2884, 15.5608, 18.2189

Triad

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



14.1429, 15.5608, 17.2971



15.2291, 15.5608, 18.4384



15.0133, 15.5608, 15.2015

Complementary

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



14.1429, 15.5608, 17.2971



13.8822, 13.9272, 14.7892

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.



15.3034, 15.5608, 15.7282



14.1429, 15.5608, 17.2971



15.4293, 15.5608, 17.5872

Square

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



14.1429, 15.5608, 17.2971



14.9132, 15.5608, 18.8947



15.4567, 15.5608, 16.5939



14.6676, 15.5608, 15.1307

Rectangle

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



14.1429, 15.5608, 17.2971



14.4643, 15.5608, 18.6654



15.4567, 15.5608, 16.5939



15.1207, 15.5608, 15.3301

Sweetspot

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



14.1433, 15.5615, 17.2974



26.2658, 28.0614, 30.7851



13.8056, 15.4417, 14.8235



6.2678, 6.7199, 7.3843



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.



14.1433, 15.5615, 17.2974



24.3021, 27.0594, 30.2272



13.7847, 14.7555, 17.4515



3.4613, 3.8097, 4.2354



9.3972, 14.4764, 16.4441



46.6307, 72.0409, 80.9638

Inverse Universe

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



13.8822, 13.9272, 14.7892



23.7310, 23.4852, 24.7418



14.2178, 14.6783, 14.6545



3.3968, 3.4064, 3.6164



7.7913, 4.0089, 0.7110



38.6543, 19.9070, 2.7118

Previews

White Background



This preview shows how the XYZ color 14.1429, 15.5608, 17.2971 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 14.1429, 15.5608, 17.2971 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

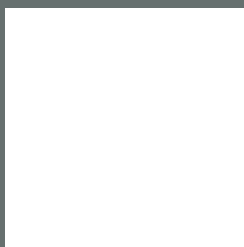
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1429, 15.5608, 17.2971

Background



This preview shows how black text looks on a background with the XYZ color 14.1429, 15.5608, 17.2971.



This preview shows how white text looks on a background with the XYZ color 14.1429, 15.5608,

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

14.1429, 15.5608, 17.2971

Protanopia

14.9110, 15.4861, 16.6712

Deuteranopia

15.6864, 15.3999, 17.4749



Tritanopia

14.6077, 15.5844, 19.6909

Trichromacy



Original Color

14.1429, 15.5608, 17.2971

Protanomaly

14.5747, 15.4658, 16.9689

Deuteranomaly

15.0972, 15.4057, 17.5071

Tritanomaly

14.4303, 15.5134, 18.7568

Monochromacy



Original Color

14.1429, 15.5608, 17.2971

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.3343, 15.3418, 16.9576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1429, 15.5608, 17.2971 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(102, 112, 111)` looks like.

```
.text, #text, p{  
    color:rgb(102, 112, 111)  
}
```

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(102, 112, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 112, 111) }
```

Border

The CSS property to change the border of an element to XYZ 14.1429, 15.5608, 17.2971 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(102, 112, 111) }
```


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

```
.border{ border-color:rgb(102, 112, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 112, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 112, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 112, 111);  
box-shadow:4px 4px 4px 4px rgb(102, 112,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1429, 15.5608, 17.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 112, 111) }
```

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

```
.background{ background-color: rgb(102,  
112, 111) }
```

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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