

Converting Colors

XYZ(14.1798, 15.2949, 11.6738)

Have a look what the booklet for
XYZ(14.1798, 15.2949, 11.6738)
contains.

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Color

**XYZ(14.0819, 15.1693,
11.6370)**

Conversions

Conversions Part 1

Format	Color
Hex	716D59
RGB	113, 109, 89
RGB Percent	44%, 43%, 35%
CMY	0.5569, 0.5725, 0.6510
CMYK	0.00, 0.04, 0.21, 0.56
HSL	50°, 12%, 40%
HSV	50°, 21%, 44%
XYZ	14.0819, 15.1693, 11.6370
YIQ	107.9160, 8.8040, -5.3720

Conversions

Conversions Part 2

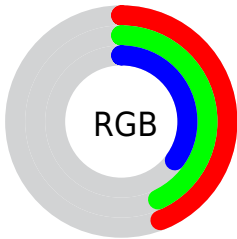
Format	Color
R_{YB}	94, 113, 89
Decimal	7433561
CIE _{Lab}	45.87, -2.09, 11.75
CIE _{LCh}	46, 11.936, 100.076
Yxy	15.1693, 0.3444, 0.3710
Android (android.graphics.Color)	4285623641 (0xFF716D59)
YUV	107.9160, -9.3256, 4.4587
Hunter-Lab	38.9478, -3.6204, 9.5485

Details

The XYZ color **14.0819, 15.1693, 11.6370** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.0148, 11.1446, 17.1935**, and the grayscale version is **14.2543, 14.9966, 16.3313**.

A 20% lighter version of the original color is **32.7481, 35.0050, 29.4567**, and **4.3386, 4.7435, 2.9724** is the 20% darker color. If you saturate the color by 10%, you get **13.4449, 14.5972, 9.2606**, and if you desaturate by 10%, it is **14.7969, 15.7805, 14.3992**.

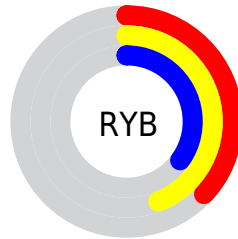
Distribution



Red (44%)

Green (43%)

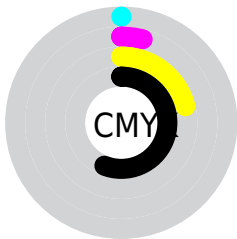
Blue (35%)



Red (37%)

Yellow (44%)

Blue (35%)

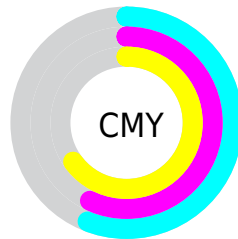


Cyan (0%)

Magenta (4%)

Yellow (21%)

Black (56%)



Cyan (56%)

Magenta (57%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0819, 15.1693, 11.6370 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 14.0819, 15.1693, 11.6370 by changing the saturation by 10% instead.

■ 14.0819, 15.1693,
11.6370

■ 14.0819, 15.1693,
11.6370

211.2402,
224.3887, 212.8790

■ 8.2597, 8.9383,
6.3775

■ 32.8193, 35.1499,
29.4867

■ 4.3148, 4.7010,
3.0035

■ 46.4653, 49.6683,
42.9139

■ 1.8817, 2.0729,
1.0964

■ 63.4499, 67.7179,
59.9008

■ 0.5662, 0.6493,
0.0000

■ 84.1385, 89.6832,
80.8659

■ 0.0000, 0.0000,
0.0000

■ 108.8965,
115.9485, 106.2277

138.0892,

146.8983, 136.4048

172.0820,
182.9169, 171.8157

■ 14.0819, 15.1693,
11.6370

■ 14.0819, 15.1693,
11.6370

■ 13.4449, 14.5972,
9.2606

■ 14.7969, 15.7805,
14.3992

■ 12.8813, 14.0607,
7.2515

■ 15.5918, 16.4301,
17.5626

■ 12.3879, 13.5592,
5.5914

■ 16.4699, 17.1200,
21.1429

■ 11.9609, 13.0909,
4.2597

■ 17.4341, 17.8513,
25.1547

■ 11.5959, 12.6542,
3.2338

■ 18.4870, 18.6251,
29.6118

■ 11.2880, 12.2469,
2.4882

■ 19.6311, 19.4425,
34.5276

■ 11.0316, 11.8669,
1.9934

■ 20.8688, 20.3045,
39.9146

■ 10.8288, 11.5481,
1.6583

■ 22.2026, 21.2120,
45.7851

■ 23.6347, 22.1661,
52.1510

Harmonies

Analogous

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



15.0878, 15.1693, 11.8332



14.0819, 15.1693, 11.6370



13.2071, 15.1693, 12.6270

Triad

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



14.0819, 15.1693, 11.6370



12.9867, 15.1693, 20.3498



16.3158, 15.1693, 18.4793

Complementary

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



14.0819, 15.1693, 11.6370



11.0148, 11.1446, 17.1935

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.



15.7006, 15.1693, 21.1332



14.0819, 15.1693, 11.6370



13.7682, 15.1693, 22.2972

Square

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



14.0819, 15.1693, 11.6370



12.5946, 15.1693, 17.5059



14.7593, 15.1693, 22.5995



16.4094, 15.1693, 15.5656

Rectangle

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



14.0819, 15.1693, 11.6370



12.8043, 15.1693, 13.9023



14.7593, 15.1693, 22.5995



16.1618, 15.1693, 19.4400

Sweetspot

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



14.0823, 15.1700, 11.6373



27.2008, 28.8395, 28.5690



12.3584, 11.4460, 11.9141



6.2757, 6.6574, 6.5477



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.



14.0823, 15.1700, 11.6373



24.6944, 26.7018, 18.8697



13.5342, 15.5349, 11.7367



3.5969, 3.8263, 3.6223



12.2714, 13.0752, 1.8770



60.5892, 64.0537, 9.1702

Inverse Universe

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



11.0148, 11.1446, 17.1935



18.2545, 18.2516, 30.5363



11.4830, 10.8786, 17.1175



3.2584, 3.3820, 4.2353



3.6306, 1.8514, 17.8876



17.6424, 8.3366, 88.9584

Previews

White Background



This preview shows how the XYZ color 14.0819, 15.1693, 11.6370 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 14.0819, 15.1693, 11.6370 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

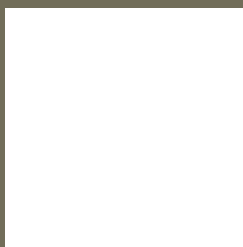
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0819, 15.1693, 11.6370

Background



This preview shows how black text looks on a background with the XYZ color 14.0819, 15.1693, 11.6370.



This preview shows how white text looks on a background with the XYZ color 14.0819, 15.1693,

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

14.0819, 15.1693, 11.6370

Protanopia

14.2360, 15.0912, 11.6138

Deuteranopia

15.4000, 15.0744, 11.7709



Tritanopia

15.3938, 15.2360, 18.0491

Trichromacy



Original Color

14.0819, 15.1693, 11.6370

Protanomaly

14.1052, 15.0238, 11.6077

Deuteranomaly

14.8847, 15.1112, 11.8051

Tritanomaly

14.8777, 15.1801, 15.5105

Monochromacy



Original Color

14.0819, 15.1693, 11.6370

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.1419, 14.9797, 14.4579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0819, 15.1693, 11.6370 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(113, 109, 89)` looks like.

```
.text, #text, p{  
    color:rgb(113, 109, 89)  
}
```

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(113, 109, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 109, 89) }
```

Border

The CSS property to change the border of an element to XYZ 14.0819, 15.1693, 11.6370 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(113, 109, 89) }
```


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

```
.border{ border-color:rgb(113, 109, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 109, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 109, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 109, 89);  
box-shadow:4px 4px 4px 4px rgb(113, 109,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0819, 15.1693, 11.6370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 109, 89) }
```

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

```
.background{ background-color: rgb(113,  
109, 89) }
```

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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