

Converting Colors

XYZ(14.5884, 17.7897, 5.5720)

Have a look what the booklet for
XYZ(14.5884, 17.7897, 5.5720)
contains.

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Color

**XYZ(14.5841, 17.7857,
5.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	737A31
RGB	115, 122, 49
RGB Percent	45%, 48%, 19%
CMY	0.5490, 0.5216, 0.8078
CMYK	0.06, 0.00, 0.60, 0.52
HSL	66°, 43%, 34%
HSV	66°, 60%, 48%
XYZ	14.5841, 17.7857, 5.5700
YIQ	111.5850, 19.2610, -24.1870

Conversions

Conversions Part 2

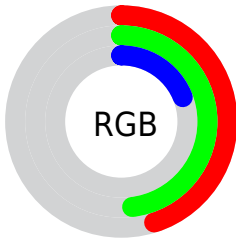
Format	Color
R_{YB}	49, 122, 56
Decimal	7567921
CIE Lab	49.24, -13.51, 38.23
CIE LCh	49, 40.546, 109.456
Yxy	17.7857, 0.3844, 0.4688
Android (android.graphics.Color)	4285758001 (0xFF737A31)
YUV	111.5850, -30.8544, 2.9950
Hunter-Lab	42.1731, -12.0749, 21.6905

Details

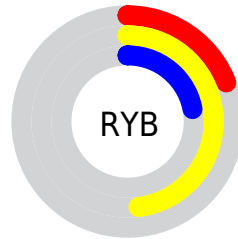
The XYZ color **14.5841, 17.7857, 5.5700** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **6.2427, 4.4429, 18.9421**, and the grayscale version is **15.3634, 16.1635, 17.6021**.

A 20% lighter version of the original color is **33.7028, 39.5890, 17.4204**, and **4.5631, 5.9875, 0.9152** is the 20% darker color. If you saturate the color by 10%, you get **14.2080, 17.6182, 4.3858**, and if you desaturate by 10%, it is **15.0328, 17.9837, 7.1224**.

Distribution



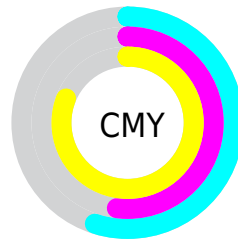
- Red (45%)
- Green (48%)
- Blue (19%)



- Red (19%)
- Yellow (48%)
- Blue (22%)



- Cyan (6%)
- Magenta (0%)
- Yellow (60%)
- Black (52%)



- Cyan (55%)
- Magenta (52%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5841, 17.7857, 5.5700 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 14.5841, 17.7857, 5.5700 by changing the saturation by 10% instead.

■ 14.5841, 17.7857,
5.5700

■ 14.5841, 17.7857,
5.5700

214.2736,
239.6604, 164.3402

■ 8.6124, 10.7962,
2.5209

■ 33.6996, 39.6718,
17.4936

■ 4.5443, 5.9300,
0.8512

■ 47.5741, 55.3373,
27.2053

■ 2.0145, 2.8026,
0.0000

■ 64.8136, 74.6635,
39.9748

■ 0.6421, 1.0295,
0.0000

■ 85.7835, 98.0349,
56.2208

■ 0.0000, 0.0000,
0.0000

■ 110.8491,
125.8359, 76.3618

■ 140.3757,

158.4509, 100.8163

174.7287,
196.2643, 130.0030

■ 14.5841, 17.7857,
5.5700

■ 14.5841, 17.7857,
5.5700

■ 14.2080, 17.6182,
4.3858

■ 15.0328, 17.9837,
7.1224

■ 13.8973, 17.4765,
3.5381

■ 15.5579, 18.2119,
9.0688

■ 13.6459, 17.3587,
2.9922

■ 16.1645, 18.4729,
11.4341

■ 13.4310, 17.2558,
2.6286

■ 16.8569, 18.7684,
14.2408

■ 13.4275, 17.2541,
2.6227

■ 17.6391, 19.1001,
17.5099

■ 18.5148, 19.4694,
21.2608

■ 19.4874, 19.8777,
25.5121

■ 20.5604, 20.3264,
30.2811

■ 21.7368, 20.8167,
35.5846

Harmonies

Analogous

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



18.2785, 17.7857, 5.2110



14.5841, 17.7857, 5.5700



11.9344, 17.7857, 8.6928

Triad

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



14.5841, 17.7857, 5.5700



12.5829, 17.7857, 40.0384



25.1614, 17.7857, 23.4563

Complementary

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



14.5841, 17.7857, 5.5700



6.2427, 4.4429, 18.9421

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.



23.0930, 17.7857, 36.4185



14.5841, 17.7857, 5.5700



15.6016, 17.7857, 48.1142

Square

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



14.5841, 17.7857, 5.5700



10.9046, 17.7857, 27.2127



19.4594, 17.7857, 46.5855



24.7799, 17.7857, 13.1938

Rectangle

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



14.5841, 17.7857, 5.5700



10.9401, 17.7857, 12.9067



19.4594, 17.7857, 46.5855



24.7187, 17.7857, 27.6840

Sweetspot

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



14.5845, 17.7865, 5.5704



29.8378, 33.0951, 25.8087



9.9512, 7.1001, 3.7519



6.7512, 7.5369, 5.6075



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.5845, 17.7865, 5.5704



24.7682, 30.8912, 7.0666



10.7738, 15.8220, 5.3920



4.2717, 4.6153, 4.2902



14.1323, 18.1627, 2.7609



67.0191, 86.4350, 13.1514

Inverse Universe

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



6.2427, 4.4429, 18.9421



8.6768, 5.1111, 32.9221



8.9839, 5.8561, 19.0704



3.8300, 3.9103, 4.9961



3.8499, 1.5575, 19.4830



18.0241, 7.2538, 92.9199

Previews

White Background



This preview shows how the XYZ color 14.5841, 17.7857, 5.5700 looks on a white background.

Color Contrast Check

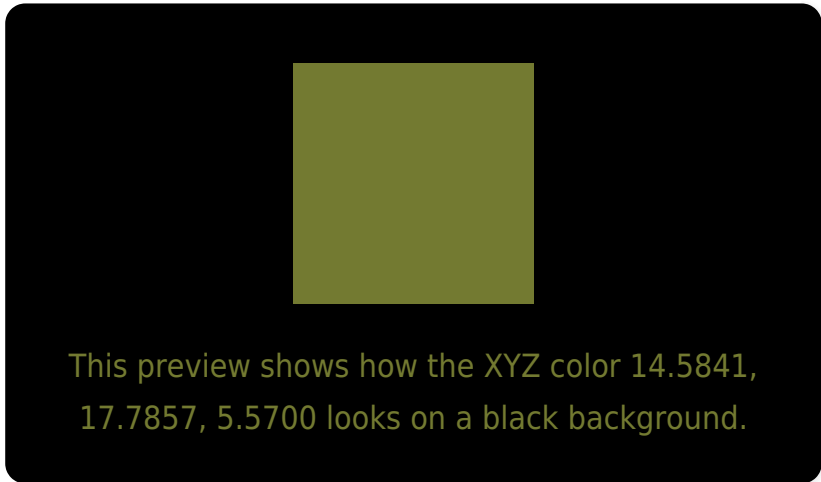
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

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

XYZ 14.5841, 17.7857, 5.5700

Background



This preview shows how black text looks on a background with the XYZ color 14.5841, 17.7857, 5.5700.



This preview shows how white text looks on a background with the XYZ color 14.5841, 17.7857,

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

14.5841, 17.7857, 5.5700

Protanopia

16.1007, 17.6818, 5.3606

Deuteranopia

17.9813, 17.6366, 5.7053



Tritanopia

17.7608, 17.6756, 21.2145

Trichromacy



Original Color

14.5841, 17.7857, 5.5700

Protanomaly

15.5878, 17.7670, 5.4041

Deuteranomaly

16.5598, 17.5688, 5.6503

Tritanomaly

16.2183, 17.5602, 13.6010

Monochromacy



Original Color

14.5841, 17.7857, 5.5700

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.8586, 16.7228, 11.8959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5841, 17.7857, 5.5700 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(115, 122, 49)` looks like.

```
.text, #text, p{  
    color:rgb(115, 122, 49)  
}
```

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(115, 122, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 122, 49) }
```

Border

The CSS property to change the border of an element to XYZ 14.5841, 17.7857, 5.5700 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(115, 122, 49) }
```


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

```
.border{ border-color:rgb(115, 122, 49) }
```

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

Here you see how a box with a 4 pixel rgb(115, 122, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 122, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 122, 49);  
box-shadow:4px 4px 4px 4px rgb(115, 122,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5841, 17.7857, 5.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 122, 49) }
```

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

```
.background{ background-color: rgb(115,  
122, 49) }
```

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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