

Converting Colors

XYZ(13.5710, 14.2483, 11.6549)

Have a look what the booklet for
XYZ(13.5710, 14.2483, 11.6549)
contains.

XYZ(13.5791, 14.2861, 11.7147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.5791, 14.2861,
11.7147)**

Conversions

Conversions Part 1

Format	Color
Hex	70695A
RGB	112, 105, 90
RGB Percent	44%, 41%, 35%
CMY	0.5608, 0.5882, 0.6471
CMYK	0.00, 0.06, 0.20, 0.56
HSL	41°, 11%, 40%
HSV	41°, 20%, 44%
XYZ	13.5791, 14.2861, 11.7147
YIQ	105.3830, 8.9870, -3.1810

Conversions

Conversions Part 2

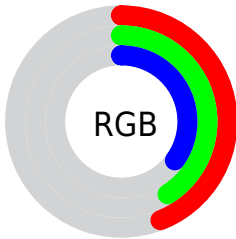
Format	Color
R_{YB}	100, 112, 90
Decimal	7367002
CIE _{Lab}	44.64, 0.00, 9.43
CIE _{LCh}	45, 9.429, 89.977
Yxy	14.2861, 0.3431, 0.3609
Android (android.graphics.Color)	4285557082 (0xFF70695A)
YUV	105.3830, -7.5838, 5.8031
Hunter-Lab	37.7970, -2.0160, 8.0817

Details

The XYZ color **13.5791, 14.2861, 11.7147** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4157, 11.8925, 17.0230**, and the grayscale version is **13.5498, 14.2554, 15.5241**.

A 20% lighter version of the original color is **31.9319, 33.5629, 29.6062**, and **4.0820, 4.2979, 2.9973** is the 20% darker color. If you saturate the color by 10%, you get **12.7827, 13.3996, 9.2719**, and if you desaturate by 10%, it is **14.4633, 15.2330, 14.5416**.

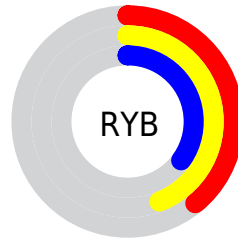
Distribution



Red (44%)

Green (41%)

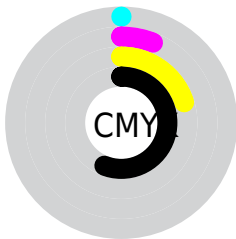
Blue (35%)



Red (39%)

Yellow (44%)

Blue (35%)

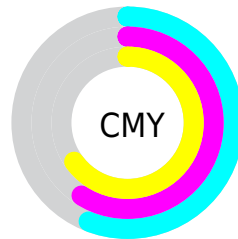


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (56%)



Cyan (56%)

Magenta (59%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5791, 14.2861, 11.7147 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 13.5791, 14.2861, 11.7147 by changing the saturation by 10% instead.

■ 13.5791, 14.2861,
11.7147

■ 13.5791, 14.2861,
11.7147

208.1599,
219.0035, 213.4177

■ 7.9082, 8.3199,
6.4295

■ 31.9329, 33.5958,
29.6310

■ 4.0876, 4.3003,
3.0350

■ 45.3465, 47.7081,
43.0992

■ 1.7518, 1.8429,
1.1125

■ 62.0717, 65.3046,
60.1322

■ 0.4884, 0.5137,
0.0000

■ 82.4740, 86.7697,
81.1485

■ 0.0000, 0.0000,
0.0000

106.9185,
112.4877, 106.5667

135.7708,

142.8431, 136.8053

169.3961,
178.2202, 172.2827

■ 13.5791, 14.2861,
11.7147

■ 13.5791, 14.2861,
11.7147

■ 12.7827, 13.3996,
9.2719

■ 14.4633, 15.2330,
14.5416

■ 12.0697, 12.5700,
7.1953

■ 15.4373, 16.2400,
17.7676

■ 11.4367, 11.7961,
5.4671

■ 16.5046, 17.3092,
21.4079

■ 10.8798, 11.0760,
4.0674

■ 17.6681, 18.4421,
25.4768

■ 10.3946, 10.4078,
2.9745

■ 18.9303, 19.6399,
29.9877

■ 9.9765, 9.7892,
2.1639

■ 20.2941, 20.9040,
34.9536

■ 9.6197, 9.2176,
1.6073

■ 21.7618, 22.2357,
40.3869

■ 9.3037, 8.6845,
1.1974

■ 23.3359, 23.6361,
46.2995

■ 9.2927, 8.6659,
1.1829

■ 25.0187, 25.1066,
52.7029

Harmonies

Analogous

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



14.3271, 14.2861, 12.1884



13.5791, 14.2861, 11.7147



12.8574, 14.2861, 12.1869

Triad

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



13.5791, 14.2861, 11.7147



12.3449, 14.2861, 17.7541



14.8910, 14.2861, 17.7573

Complementary

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



13.5791, 14.2861, 11.7147



11.4157, 11.8925, 17.0230

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.



14.3261, 14.2861, 19.4929



13.5791, 14.2861, 11.7147



12.8564, 14.2861, 19.4910

Square

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



13.5791, 14.2861, 11.7147



12.1614, 14.2861, 15.5534



13.5779, 14.2861, 20.1547



15.1017, 14.2861, 15.5568

Rectangle

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



13.5791, 14.2861, 11.7147



12.4840, 14.2861, 13.0026



13.5779, 14.2861, 20.1547



14.7352, 14.2861, 18.4217

Sweetspot

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



13.5795, 14.2867, 11.7150



25.9866, 27.3650, 27.4400



12.5116, 11.6266, 12.9758



6.2244, 6.5548, 6.5306



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.



13.5795, 14.2867, 11.7150



23.1392, 24.3084, 18.3576



13.8646, 15.5356, 11.9410



3.5567, 3.7460, 3.6089



10.7221, 9.9766, 1.3606



52.6100, 48.0952, 6.5105

Inverse Universe

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



11.4157, 11.8925, 17.0230



18.5321, 19.2116, 29.6612



11.1629, 10.8445, 16.8340



3.2962, 3.4577, 4.2479



4.0780, 2.7462, 18.0367



19.6148, 12.2814, 89.6159

Previews

White Background



This preview shows how the XYZ color 13.5791, 14.2861, 11.7147 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 13.5791, 14.2861, 11.7147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

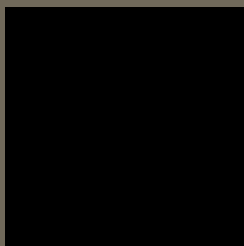
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.5791, 14.2861, 11.7147

Background



This preview shows how black text looks on a background with the XYZ color 13.5791, 14.2861, 11.7147.

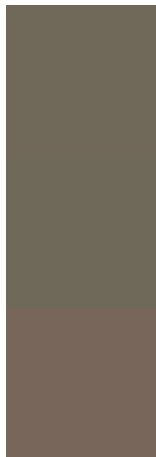


This preview shows how white text looks on a background with the XYZ color 13.5791, 14.2861,

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

13.5791, 14.2861, 11.7147

Protanopia

13.4526, 14.2208, 11.7087

Deuteranopia

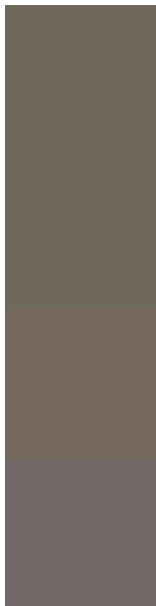
14.5249, 14.3230, 11.8966



Tritanopia

14.6361, 14.2734, 16.7355

Trichromacy



Original Color

13.5791, 14.2861, 11.7147

Protanomaly

13.4526, 14.2208, 11.7087

Deuteranomaly

14.2098, 14.3074, 11.9102

Tritanomaly

14.2379, 14.2572, 14.8335

Monochromacy



Original Color

13.5791, 14.2861, 11.7147

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5362, 14.2114, 14.0862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5791, 14.2861, 11.7147 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(112, 105, 90)` looks like.

```
.text, #text, p{  
    color:rgb(112, 105, 90)  
}
```

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(112, 105, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 105, 90) }
```

Border

The CSS property to change the border of an element to XYZ 13.5791, 14.2861, 11.7147 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(112, 105, 90) }
```


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

```
.border{ border-color:rgb(112, 105, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 105, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 105, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 105, 90);  
box-shadow:4px 4px 4px 4px rgb(112, 105,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5791, 14.2861, 11.7147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 105, 90) }
```

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

```
.background{ background-color: rgb(112,  
105, 90) }
```

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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