

Converting Colors

XYZ(13.8516, 14.8824, 7.1448)

Have a look what the booklet for
XYZ(13.8516, 14.8824, 7.1448)
contains.

XYZ(13.8196, 14.8190, 7.1330)	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(13.8196, 14.8190,
7.1330)**

Conversions

Conversions Part 1

Format	Color
Hex	776B41
RGB	119, 107, 65
RGB Percent	47%, 42%, 25%
CMY	0.5333, 0.5804, 0.7451
CMYK	0.00, 0.10, 0.45, 0.53
HSL	47°, 29%, 36%
HSV	47°, 45%, 47%
XYZ	13.8196, 14.8190, 7.1330
YIQ	105.8000, 20.6340, -10.5180

Conversions

Conversions Part 2

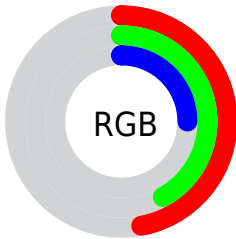
Format	Color
R_{YB}	80, 119, 65
Decimal	7826241
CIE _{Lab}	45.39, -1.67, 25.21
CIE _{LCh}	45, 25.268, 93.795
Yxy	14.8190, 0.3863, 0.4143
Android (android.graphics.Color)	4286016321 (0xFF776B41)
YUV	105.8000, -20.1144, 11.5764
Hunter-Lab	38.4955, -3.2868, 15.9607

Details

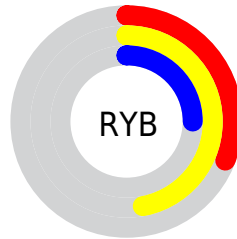
The XYZ color **13.8196, 14.8190, 7.1330** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.1636, 7.7632, 18.5210**, and the grayscale version is **13.6945, 14.4077, 15.6900**.

A 20% lighter version of the original color is **32.2774, 34.4393, 20.8658**, and **4.1964, 4.5474, 1.3184** is the 20% darker color. If you saturate the color by 10%, you get **13.2393, 14.1531, 5.4144**, and if you desaturate by 10%, it is **14.4818, 15.5322, 9.2377**.

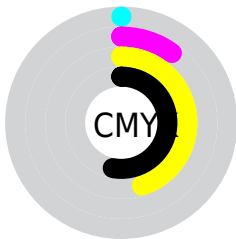
Distribution



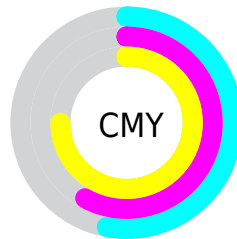
- Red (47%)
- Green (42%)
- Blue (25%)



- Red (31%)
- Yellow (47%)
- Blue (25%)



- Cyan (0%)
- Magenta (10%)
- Yellow (45%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8196, 14.8190, 7.1330 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 13.8196, 14.8190, 7.1330 by changing the saturation by 10% instead.

■ 13.8196, 14.8190,
7.1330

■ 13.8196, 14.8190,
7.1330

209.6388,
222.2680, 178.4370

■ 8.0762, 8.6925,
3.4657

■ 32.3575, 34.5353,
20.7577

■ 4.1959, 4.5411,
1.3371

■ 45.8827, 48.8939,
31.5522

■ 1.8136, 1.9806,
0.0919

■ 62.7326, 66.7653,
45.5595

■ 0.5258, 0.5962,
0.0000

■ 83.2724, 88.5339,
63.1981

■ 0.0000, 0.0000,
0.0000

■ 107.8676,
114.5841, 84.8866

■ 136.8835,

145.3002, 111.0436

170.6854,
181.0667, 142.0875

■ 13.8196, 14.8190,
7.1330

■ 13.8196, 14.8190,
7.1330

■ 13.2393, 14.1531,
5.4144

■ 14.4818, 15.5322,
9.2377

■ 12.7350, 13.5304,
4.0567

■ 15.2289, 16.2925,
11.7496

■ 12.3019, 12.9495,
3.0331

■ 16.0654, 17.1022,
14.6896

■ 11.9341, 12.4078,
2.3129

■ 16.9949, 17.9630,
18.0768

■ 11.6214, 11.9011,
1.8426

■ 18.0209, 18.8764,
21.9291

■ 11.4838, 11.6740,
1.6480

■ 19.1466, 19.8436,
26.2634

■ 20.3753, 20.8663,
31.0958

■ 21.7098, 21.9455,
36.4418

■ 23.1530, 23.0826,
42.3158

Harmonies

Analogous

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



15.9431, 14.8190, 7.8290



13.8196, 14.8190, 7.1330



11.9576, 14.8190, 8.3110

Triad

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



13.8196, 14.8190, 7.1330



10.9907, 14.8190, 23.4548



18.0246, 14.8190, 21.7954

Complementary

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



13.8196, 14.8190, 7.1330



8.1636, 7.7632, 18.5210

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.



16.4508, 14.8190, 27.7706



13.8196, 14.8190, 7.1330



12.3772, 14.8190, 28.8838

Square

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



13.8196, 14.8190, 7.1330



10.4301, 14.8190, 16.9125



14.3538, 14.8190, 30.6316



18.5072, 14.8190, 15.3824

Rectangle

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



13.8196, 14.8190, 7.1330



11.0734, 14.8190, 10.2266



14.3538, 14.8190, 30.6316



17.5984, 14.8190, 23.9693

Sweetspot

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



13.8200, 14.8197, 7.1333



28.9309, 30.7786, 26.8874



10.8590, 8.2470, 8.1524



6.7894, 7.2310, 6.1323



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.



13.8200, 14.8197, 7.1333



23.7084, 25.3449, 9.6972



13.3299, 16.5544, 7.4940



3.9010, 4.1349, 3.9348



12.1937, 12.3886, 1.7486



58.7651, 59.0587, 8.3022

Inverse Universe

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



8.1636, 7.7632, 18.5210



12.2763, 11.0942, 32.7474



8.4780, 6.7922, 18.3170



3.5606, 3.7097, 4.6186



3.9341, 2.2078, 18.7614



18.6306, 9.6778, 91.2464

Previews

White Background



This preview shows how the XYZ color 13.8196, 14.8190, 7.1330 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 13.8196, 14.8190, 7.1330 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 13.8196, 14.8190, 7.1330

Background



This preview shows how black text looks on a background with the XYZ color 13.8196, 14.8190, 7.1330.



This preview shows how white text looks on a background with the XYZ color 13.8196, 14.8190,

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

13.8196, 14.8190, 7.1330

Protanopia

13.6528, 14.8887, 7.1552

Deuteranopia

15.0395, 14.8397, 7.2259



Tritanopia

15.8780, 14.9136, 16.7936

Trichromacy



Original Color

13.8196, 14.8190, 7.1330

Protanomaly

13.7879, 14.9583, 7.1616

Deuteranomaly

14.5379, 14.7296, 7.2311

Tritanomaly

14.9967, 14.8464, 12.6649

Monochromacy



Original Color

13.8196, 14.8190, 7.1330

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.5979, 14.4429, 11.9686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8196, 14.8190, 7.1330 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(119, 107, 65)` looks like.

```
.text, #text, p{  
    color:rgb(119, 107, 65)  
}
```

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(119, 107, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 107, 65) }
```

Border

The CSS property to change the border of an element to XYZ 13.8196, 14.8190, 7.1330 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(119, 107, 65) }
```


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

```
.border{ border-color:rgb(119, 107, 65) }
```

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

Here you see how a box with a 4 pixel rgb(119, 107, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 107, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 107, 65);  
box-shadow:4px 4px 4px 4px rgb(119, 107,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8196, 14.8190, 7.1330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 107, 65) }
```

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

```
.background{ background-color: rgb(119,  
107, 65) }
```

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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