

Converting Colors

XYZ(14.2783, 16.0800, 6.8114)

Have a look what the booklet for
XYZ(14.2783, 16.0800, 6.8114)
contains.

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Color

**XYZ(14.2186, 15.9987,
6.7535)**

Conversions

Conversions Part 1

Format	Color
Hex	76713D
RGB	118, 113, 61
RGB Percent	46%, 44%, 24%
CMY	0.5373, 0.5569, 0.7608
CMYK	0.00, 0.04, 0.48, 0.54
HSL	55°, 32%, 35%
HSV	55°, 48%, 46%
XYZ	14.2186, 15.9987, 6.7535
YIQ	108.5670, 19.6720, -15.1120

Conversions

Conversions Part 2

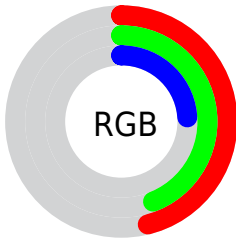
Format	Color
R_{YB}	66, 118, 61
Decimal	7762237
CIE Lab	46.97, -6.01, 29.41
CIE LCh	47, 30.013, 101.549
Yxy	15.9987, 0.3846, 0.4327
Android (android.graphics.Color)	4285952317 (0xFF76713D)
YUV	108.5670, -23.4505, 8.2727
Hunter-Lab	39.9984, -6.5441, 17.9881

Details

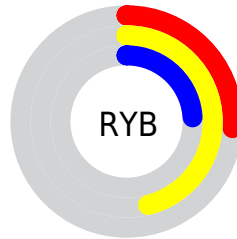
The XYZ color **14.2186, 15.9987, 6.7535** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.1426, 6.1963, 17.9590**, and the grayscale version is **14.4739, 15.2276, 16.5829**.

A 20% lighter version of the original color is **33.0642, 36.6940, 20.0918**, and **4.3604, 5.0440, 1.1957** is the 20% darker color. If you saturate the color by 10%, you get **13.8205, 15.6565, 5.2216**, and if you desaturate by 10%, it is **14.6887, 16.3730, 8.6550**.

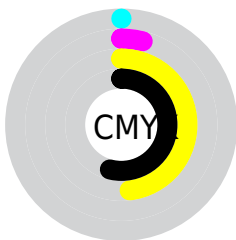
Distribution



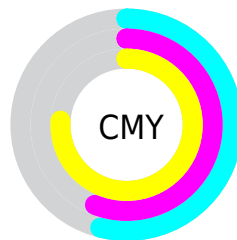
- Red (46%)
- Green (44%)
- Blue (24%)



- Red (26%)
- Yellow (46%)
- Blue (24%)



- Cyan (0%)
- Magenta (4%)
- Yellow (48%)
- Black (54%)



- Cyan (54%)
- Magenta (56%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2186, 15.9987, 6.7535 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 14.2186, 15.9987, 6.7535 by changing the saturation by 10% instead.

■ 14.2186, 15.9987,
6.7535

■ 14.2186, 15.9987,
6.7535

212.0700,
229.3340, 175.1519

■ 8.3556, 9.5232,
3.2323

■ 33.0594, 36.5959,
19.9799

■ 4.3770, 5.0840,
1.2145

■ 46.7680, 51.4865,
30.5223

■ 1.9176, 2.2966,
0.0000

■ 63.8224, 69.9509,
44.2421

■ 0.5870, 0.7719,
0.0000

■ 84.5880, 92.3735,
61.5579

■ 0.0000, 0.0000,
0.0000

■ 109.4302,
119.1387, 82.8882

■ 138.7144,

150.6310, 108.6517

172.8059,
187.2346, 139.2667

■ 14.2186, 15.9987,
6.7535

■ 14.2186, 15.9987,
6.7535

■ 13.8205, 15.6565,
5.2216

■ 14.6887, 16.3730,
8.6550

■ 13.4887, 15.3422,
4.0339

■ 15.2340, 16.7790,
10.9472

■ 13.2184, 15.0547,
3.1632

■ 15.8587, 17.2188,
13.6511

■ 13.0034, 14.7914,
2.5781

■ 16.5663, 17.6939,
16.7857

■ 12.8269, 14.5455,
2.1890

■ 17.3605, 18.2058,
20.3687

■ 12.7975, 14.5042,
2.1251

■ 18.2442, 18.7556,
24.4171

■ 19.2206, 19.3446,
28.9468

■ 20.2925, 19.9740,
33.9730

■ 21.4628, 20.6449,
39.5103

Harmonies

Analogous

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



16.8592, 15.9987, 6.9957



14.2186, 15.9987, 6.7535



12.1001, 15.9987, 8.6910

Triad

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



14.2186, 15.9987, 6.7535



11.7351, 15.9987, 28.8654



20.5105, 15.9987, 22.4036

Complementary

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



14.2186, 15.9987, 6.7535



7.1426, 6.1963, 17.9590

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.



18.8032, 15.9987, 30.6219



14.2186, 15.9987, 6.7535



13.6651, 15.9987, 35.0306

Square

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



14.2186, 15.9987, 6.7535



10.7803, 15.9987, 20.4751



16.2387, 15.9987, 35.7527



20.7030, 15.9987, 14.6848

Rectangle

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



14.2186, 15.9987, 6.7535



11.1885, 15.9987, 11.4042



16.2387, 15.9987, 35.7527



20.0863, 15.9987, 25.2481

Sweetspot

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



14.2190, 15.9994, 6.7538



28.3593, 30.5994, 26.0910



10.1441, 7.5908, 6.1938



6.4720, 7.0026, 5.7860



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.2190, 15.9994, 6.7538



24.2289, 27.4639, 8.9134



12.0609, 15.7373, 6.8170



3.9405, 4.2140, 3.9480



13.8407, 15.6826, 2.2976



67.1303, 75.7891, 11.0906

Inverse Universe

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



7.1426, 6.1963, 17.9590



10.2009, 8.0384, 31.1509



8.5771, 6.5212, 17.9461



3.5241, 3.6368, 4.6065



3.6543, 1.6483, 18.6681



17.5247, 7.4661, 90.8777

Previews

White Background



This preview shows how the XYZ color 14.2186, 15.9987, 6.7535 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 14.2186, 15.9987, 6.7535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

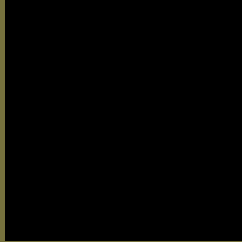
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2186, 15.9987, 6.7535

Background



This preview shows how black text looks on a background with the XYZ color 14.2186, 15.9987, 6.7535.



This preview shows how white text looks on a background with the XYZ color 14.2186, 15.9987,

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

14.2186, 15.9987, 6.7535

Protanopia

14.6684, 15.9061, 6.5720

Deuteranopia

16.2046, 15.9012, 6.9178



Tritanopia

16.6644, 16.0383, 18.4370

Trichromacy



Original Color

14.2186, 15.9987, 6.7535

Protanomaly

14.4949, 15.9795, 6.5954

Deuteranomaly

15.3914, 15.9522, 6.8253

Tritanomaly

15.5602, 15.9011, 13.0756

Monochromacy



Original Color

14.2186, 15.9987, 6.7535

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.1898, 15.3693, 12.3439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2186, 15.9987, 6.7535 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(118, 113, 61)` looks like.

```
.text, #text, p{  
    color:rgb(118, 113, 61)  
}
```

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(118, 113, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 113, 61) }
```

Border

The CSS property to change the border of an element to XYZ 14.2186, 15.9987, 6.7535 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(118, 113, 61) }
```


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

```
.border{ border-color:rgb(118, 113, 61) }
```

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

Here you see how a box with a 4 pixel rgb(118, 113, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 113, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 113, 61);  
box-shadow:4px 4px 4px 4px rgb(118, 113,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2186, 15.9987, 6.7535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 113, 61) }
```

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

```
.background{ background-color: rgb(118,  
113, 61) }
```

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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