

Converting Colors

XYZ(14.7781, 14.5599, 13.3868)

Have a look what the booklet for
XYZ(14.7781, 14.5599, 13.3868)
contains.

XYZ(14.7536, 14.5566, 13.3414)	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(14.7536, 14.5566,
13.3414)**

Conversions

Conversions Part 1

Format	Color
Hex	786761
RGB	120, 103, 97
RGB Percent	47%, 40%, 38%
CMY	0.5294, 0.5961, 0.6196
CMYK	0.00, 0.14, 0.19, 0.53
HSL	16°, 11%, 43%
HSV	16°, 19%, 47%
XYZ	14.7536, 14.5566, 13.3414
YIQ	107.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

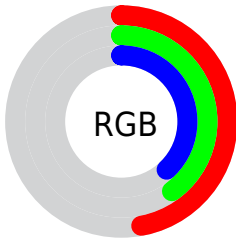
Format	Color
R_{YB}	120, 105, 97
Decimal	7890785
CIE _{Lab}	45.02, 5.69, 5.87
CIE _{LCh}	45, 8.178, 45.884
Yxy	14.5566, 0.3459, 0.3413
Android (android.graphics.Color)	4286080865 (0xFF786761)
YUV	107.3990, -5.1267, 11.0511
Hunter-Lab	38.1531, 2.2570, 5.9746

Details

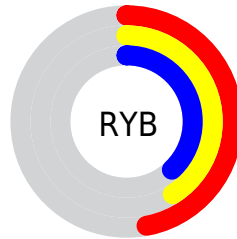
The XYZ color **14.7536, 14.5566, 13.3414** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3371, 15.9317, 20.0888**, and the grayscale version is **14.0977, 14.8319, 16.1519**.

A 20% lighter version of the original color is **34.1345, 34.1336, 32.8063**, and **4.6102, 4.4070, 3.7396** is the 20% darker color. If you saturate the color by 10%, you get **13.4002, 12.6783, 10.3354**, and if you desaturate by 10%, it is **16.2861, 16.6572, 16.8251**.

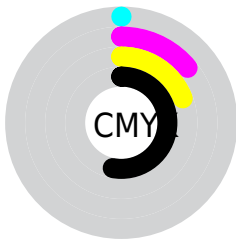
Distribution



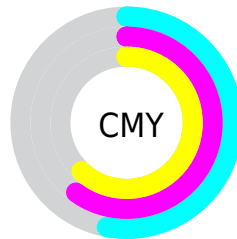
- Red (47%)
- Green (40%)
- Blue (38%)



- Red (47%)
- Yellow (41%)
- Blue (38%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7536, 14.5566, 13.3414 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 14.7536, 14.5566, 13.3414 by changing the saturation by 10% instead.

■ 14.7536, 14.5566,
13.3414

■ 14.7536, 14.5566,
13.3414

215.2880,
220.6665, 224.3783

■ 8.7318, 8.5088,
7.5306

■ 33.9956, 34.0734,
32.6159

■ 4.6224, 4.4222,
3.7126

■ 47.9464, 48.3112,
46.9167

■ 2.0599, 1.9124,
1.4691

■ 65.2711, 66.0478,
64.8845

■ 0.6673, 0.5558,
0.1947

■ 86.3348, 87.6676,
86.9379

■ 0.0000, 0.0000,
0.0000

111.5031,
113.5550, 113.4955

141.1411,

144.0943, 144.9757

175.6143,
179.6700, 181.7971

■ 14.7536, 14.5566,
13.3414

■ 14.7536, 14.5566,
13.3414

■ 13.4002, 12.6783,
10.3354

■ 16.2861, 16.6572,
16.8251

■ 12.2179, 11.0131,
7.7853

■ 18.0028, 18.9851,
20.8051

■ 11.2000, 9.5539,
5.6688

■ 19.9100, 21.5478,
25.3004

■ 10.3389, 8.2924,
3.9615

■ 22.0136, 24.3514,
30.3285

■ 9.6263, 7.2199,
2.6366

■ 24.3190, 27.4023,
35.9061

■ 9.0530, 6.3268,
1.6638

■ 26.8315, 30.7062,
42.0493

■ 8.6087, 5.6028,
1.0085

■ 29.5562, 34.2690,
48.7734

■ 8.2692, 5.0313,
0.5640

■ 32.4979, 38.0961,
56.0931

■ 8.2440, 4.9897,
0.5286

■ 35.6613, 42.1929,
64.0227

Harmonies

Analogous

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



15.1144, 14.5566, 14.8594



14.7536, 14.5566, 13.3414



14.1528, 14.5566, 12.5285

Triad

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



14.7536, 14.5566, 13.3414



12.6213, 14.5566, 14.9652



14.1918, 14.5566, 19.6771

Complementary

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



14.7536, 14.5566, 13.3414



14.3371, 15.9317, 20.0888

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.



13.5232, 14.5566, 19.7112



14.7536, 14.5566, 13.3414



12.6310, 14.5566, 16.8829

Square

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



14.7536, 14.5566, 13.3414



12.9296, 14.5566, 13.4134



12.9565, 14.5566, 18.6541



14.7830, 14.5566, 18.5644

Rectangle

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



14.7536, 14.5566, 13.3414



13.7037, 14.5566, 12.4499



12.9565, 14.5566, 18.6541



13.9683, 14.5566, 19.8180

Sweetspot

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



14.7540, 14.5573, 13.3417



29.5212, 30.4903, 31.6120



15.0720, 13.7632, 17.8566



6.9618, 7.1791, 7.4123



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.



14.7540, 14.5573, 13.3417



24.8646, 24.1032, 21.0392



15.9490, 16.9473, 13.7401



4.0755, 4.1695, 4.2145



8.9832, 5.4223, 0.5731



42.2494, 24.6622, 2.5335

Inverse Universe

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



14.3371, 15.9317, 20.0888



23.9889, 26.9856, 35.1975



13.1455, 13.5485, 19.6916



4.0228, 4.3438, 5.0696



7.5553, 9.1930, 20.7615



35.3209, 42.4145, 98.7950

Previews

White Background



This preview shows how the XYZ color 14.7536, 14.5566, 13.3414 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 14.7536, 14.5566, 13.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

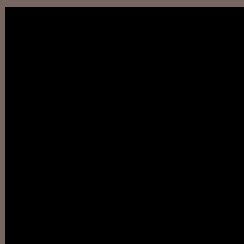
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7536, 14.5566, 13.3414

Background



This preview shows how black text looks on a background with the XYZ color 14.7536, 14.5566, 13.3414.



This preview shows how white text looks on a background with the XYZ color 14.7536, 14.5566,

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

14.7536, 14.5566, 13.3414

Protanopia

13.8366, 14.5239, 13.8785

Deuteranopia

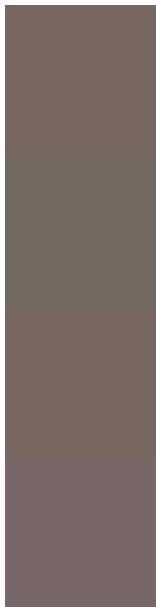
14.7536, 14.5566, 13.3414



Tritanopia

15.4400, 14.5491, 16.4625

Trichromacy



Original Color

14.7536, 14.5566, 13.3414

Protanomaly

14.1956, 14.5624, 13.6179

Deuteranomaly

14.7536, 14.5566, 13.3414

Tritanomaly

15.1863, 14.5876, 15.3799

Monochromacy



Original Color

14.7536, 14.5566, 13.3414

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.2843, 14.7321, 14.9227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7536, 14.5566, 13.3414 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(120, 103, 97)` looks like.

```
.text, #text, p{  
    color:rgb(120, 103, 97)  
}
```

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(120, 103, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 103, 97) }
```

Border

The CSS property to change the border of an element to XYZ 14.7536, 14.5566, 13.3414 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(120, 103, 97) }
```


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

```
.border{ border-color:rgb(120, 103, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 103, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 103, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 103, 97);  
box-shadow:4px 4px 4px 4px rgb(120, 103,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7536, 14.5566, 13.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 103, 97) }
```

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

```
.background{ background-color: rgb(120,  
103, 97) }
```

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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