

Converting Colors

XYZ(14.7164, 14.7019, 12.6518)

Have a look what the booklet for
XYZ(14.7164, 14.7019, 12.6518)
contains.

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Color

**XYZ(14.7164, 14.7019,
12.6518)**

Conversions

Conversions Part 1

Format	Color
Hex	78685E
RGB	120, 104, 94
RGB Percent	47%, 41%, 37%
CMY	0.5294, 0.5921, 0.6314
CMYK	0.00, 0.13, 0.22, 0.53
HSL	23°, 12%, 42%
HSV	23°, 22%, 47%
XYZ	14.7164, 14.7019, 12.6518
YIQ	107.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

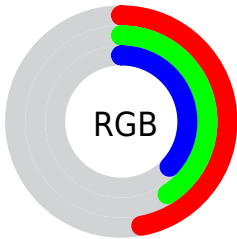
Format	Color
R _Y B	120, 110, 94
Decimal	7891038
CIE Lab	45.22, 4.59, 7.96
CIE LCh	45, 9.193, 60.012
Yxy	14.7019, 0.3498, 0.3495
Android (android.graphics.Color)	4286081118 (0xFF78685E)
YUV	107.6440, -6.7265, 10.8362
Hunter-Lab	38.3431, 1.4095, 7.2766

Details

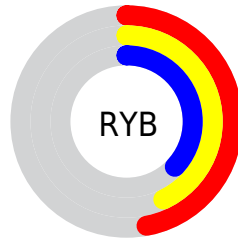
The XYZ color **14.7164, 14.7019, 12.6518** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.5820, 14.8871, 19.9269**, and the grayscale version is **14.1703, 14.9083, 16.2351**.

A 20% lighter version of the original color is **33.9890, 34.3405, 31.2225**, and **4.5952, 4.4792, 3.4187** is the 20% darker color. If you saturate the color by 10%, you get **13.5084, 13.0817, 9.7959**, and if you desaturate by 10%, it is **16.0740, 16.4871, 15.9711**.

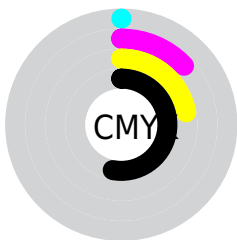
Distribution



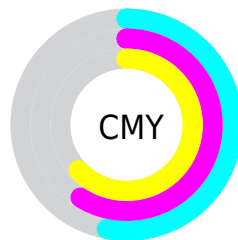
- Red (47%)
- Green (41%)
- Blue (37%)



- Red (47%)
- Yellow (43%)
- Blue (37%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (53%)



- Cyan (53%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7164, 14.7019, 12.6518 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 14.7164, 14.7019, 12.6518 by changing the saturation by 10% instead.

■ 14.7164, 14.7019,
12.6518

■ 14.7164, 14.7019,
12.6518

215.0658,
221.5547, 219.8028

■ 8.7056, 8.6104,
7.0613

■ 33.9306, 34.3294,
31.3588

■ 4.6052, 4.4880,
3.4214

■ 47.8648, 48.6342,
45.3123

■ 2.0499, 1.9501,
1.3137

■ 65.1708, 66.4455,
62.8906

■ 0.6618, 0.5782,
0.0729

■ 86.2140, 88.1479,
84.5123

■ 0.0000, 0.0000,
0.0000

111.3597,
114.1256, 110.5958

140.9734,

144.7630, 141.5597

175.4203,
180.4446, 177.8225

■ 14.7164, 14.7019,
12.6518

■ 14.7164, 14.7019,
12.6518

■ 13.5084, 13.0817,
9.7959

■ 16.0740, 16.4871,
15.9711

■ 12.4434, 11.6196,
7.3815

■ 17.5852, 18.4400,
19.7723

■ 11.5157, 10.3111,
5.3864

■ 19.2555, 20.5657,
24.0741

■ 10.7192, 9.1510,
3.7862

■ 21.0894, 22.8684,
28.8940

■ 10.0468, 8.1333,
2.5538

■ 23.0915, 25.3522,
34.2486

■ 9.4909, 7.2518,
1.6586

■ 25.2662, 28.0212,
40.1537

■ 9.0429, 6.4997,
1.0651

■ 27.6175, 30.8791,
46.6246

■ 8.7293, 5.9602,
0.6903

■ 30.1495, 33.9297,
53.6757

■ 32.8661, 37.1767,
61.3212

Harmonies

Analogous

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



15.2768, 14.7019, 14.0057



14.7164, 14.7019, 12.6518



13.9734, 14.7019, 12.1792

Triad

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



14.7164, 14.7019, 12.6518



12.5637, 14.7019, 16.0088



14.7170, 14.7019, 19.9094

Complementary

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



14.7164, 14.7019, 12.6518



13.5820, 14.8871, 19.9269

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.



13.9740, 14.7019, 20.5650



14.7164, 14.7019, 12.6518



12.7469, 14.7019, 18.1923

Square

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



14.7164, 14.7019, 12.6518



12.7466, 14.7019, 14.0072



13.2564, 14.7019, 19.9104



15.2771, 14.7019, 18.1906

Rectangle

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



14.7164, 14.7019, 12.6518



13.4799, 14.7019, 12.3909



13.2564, 14.7019, 19.9104



14.4795, 14.7019, 20.2680

Sweetspot

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



14.7168, 14.7026, 12.6521



29.7043, 30.8566, 31.6730



14.5648, 13.1251, 16.5272



7.0085, 7.2725, 7.4278



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.



14.7168, 14.7026, 12.6521



24.7957, 24.4066, 19.6560



16.1235, 17.5160, 13.1210



4.1130, 4.2445, 4.2270



9.5101, 6.4760, 0.7488



44.5944, 29.3522, 3.3152

Inverse Universe

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



13.5820, 14.8871, 19.9269



22.4237, 24.7905, 34.8563



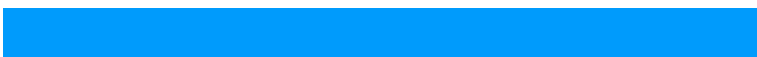
12.2842, 12.2915, 19.4943



3.9837, 4.2656, 5.0566



6.3438, 6.7700, 20.3577



29.4175, 30.6077, 96.8272

Previews

White Background



This preview shows how the XYZ color 14.7164, 14.7019, 12.6518 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 14.7164, 14.7019, 12.6518 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 14.7164, 14.7019, 12.6518

Background



This preview shows how black text looks on a background with the XYZ color 14.7164, 14.7019, 12.6518.

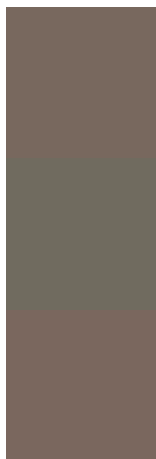


This preview shows how white text looks on a background with the XYZ color 14.7164, 14.7019,

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

14.7164, 14.7019, 12.6518

Protanopia

14.0053, 14.7864, 12.9424

Deuteranopia

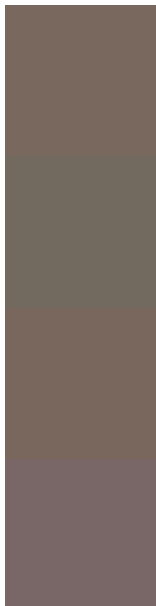
14.8967, 14.6462, 12.6315



Tritanopia

15.5919, 14.7661, 16.7802

Trichromacy



Original Color

14.7164, 14.7019, 12.6518

Protanomaly

14.2898, 14.7791, 12.9260

Deuteranomaly

14.7558, 14.5736, 12.6249

Tritanomaly

15.2341, 14.7649, 15.1437

Monochromacy



Original Color

14.7164, 14.7019, 12.6518

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3880, 14.9394, 14.9572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7164, 14.7019, 12.6518 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, 104, 94)` looks like.

```
.text, #text, p{  
    color:rgb(120, 104, 94)  
}
```

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, 104, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 104, 94) }
```

Border

The CSS property to change the border of an element to XYZ 14.7164, 14.7019, 12.6518 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, 104, 94) }
```


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

```
.border{ border-color:rgb(120, 104, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 104, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 104, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 104, 94);  
box-shadow:4px 4px 4px 4px rgb(120, 104,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7164, 14.7019, 12.6518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 104, 94) }
```

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

```
.background{ background-color: rgb(120,  
104, 94) }
```

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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