

Converting Colors

XYZ(12.4256, 12.2576, 7.0207)

Have a look what the booklet for
XYZ(12.4256, 12.2576, 7.0207)
contains.

XYZ(12.3519, 12.1926, 7.0126)	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(12.3519, 12.1926,
7.0126)**

Conversions

Conversions Part 1

Format	Color
Hex	755E43
RGB	117, 94, 67
RGB Percent	46%, 37%, 26%
CMY	0.5412, 0.6314, 0.7373
CMYK	0.00, 0.20, 0.43, 0.54
HSL	32°, 27%, 36%
HSV	32°, 43%, 46%
XYZ	12.3519, 12.1926, 7.0126
YIQ	97.7990, 22.3750, -3.5210

Conversions

Conversions Part 2

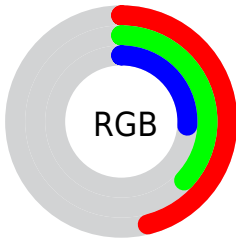
Format	Color
R_{YB}	110, 117, 67
Decimal	7691843
CIE Lab	41.52, 5.33, 19.01
CIE LCh	42, 19.738, 74.341
Yxy	12.1926, 0.3914, 0.3864
Android (android.graphics.Color)	4285881923 (0xFF755E43)
YUV	97.7990, -15.1839, 16.8393
Hunter-Lab	34.9179, 2.0365, 12.5353

Details

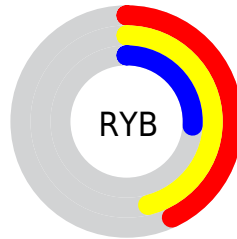
The XYZ color **12.3519, 12.1926, 7.0126** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.1816, 9.7895, 18.2350**, and the grayscale version is **11.5924, 12.1961, 13.2816**.

A 20% lighter version of the original color is **29.6453, 29.7304, 20.3957**, and **3.5263, 3.3691, 1.2750** is the 20% darker color. If you saturate the color by 10%, you get **11.5739, 11.1427, 5.1931**, and if you desaturate by 10%, it is **13.2348, 13.3388, 9.2173**.

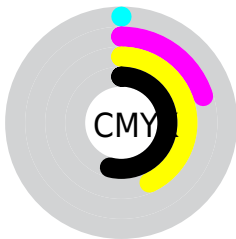
Distribution



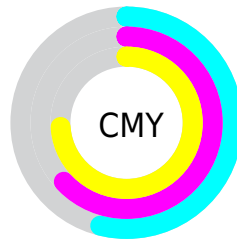
- Red (46%)
- Green (37%)
- Blue (26%)



- Red (43%)
- Yellow (46%)
- Blue (26%)



- Cyan (0%)
- Magenta (20%)
- Yellow (43%)
- Black (54%)



- Cyan (54%)
- Magenta (63%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.3519, 12.1926, 7.0126 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 12.3519, 12.1926, 7.0126 by changing the saturation by 10% instead.

12.3519, 12.1926,
7.0126

12.3519, 12.1926,
7.0126

200.4439,
205.6762, 177.4033

7.0577, 6.8750,
3.3914

29.7457, 29.8454,
20.5119

3.5449, 3.3840,
1.2978

42.5761, 42.9494,
31.2270

1.4480, 1.3354,
0.0600

58.6492, 59.4176,
45.1439

0.2901, 0.1683,
0.0000

78.3305, 79.6345,
62.6811

0.0000, 0.0000,
0.0000

101.9853,
103.9844, 84.2570

129.9788,

132.8517, 110.2904

162.6766,
166.6208, 141.1996

■ 12.3519, 12.1926,
7.0126

■ 12.3519, 12.1926,
7.0126

■ 11.5739, 11.1427,
5.1931

■ 13.2348, 13.3388,
9.2173

■ 10.8949, 10.1842,
3.7353

■ 14.2264, 14.5824,
11.8275

■ 10.3099, 9.3145,
2.6140

■ 15.3311, 15.9268,
14.8628

■ 9.8126, 8.5300,
1.8005

■ 16.5531, 17.3745,
18.3414

■ 9.3956, 7.8264,
1.2596

■ 17.8961, 18.9281,
22.2804

■ 9.1240, 7.3577,
0.9393

■ 19.3639, 20.5899,
26.6961

■ 20.9597, 22.3622,
31.6038

■ 22.6870, 24.2473,
37.0183

■ 24.5490, 26.2474,
42.9536

Harmonies

Analogous

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



13.6830, 12.1926, 8.4706



12.3519, 12.1926, 7.0126



10.9166, 12.1926, 6.9818

Triad

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



12.3519, 12.1926, 7.0126



9.1088, 12.1926, 15.3373



13.6327, 12.1926, 19.7898

Complementary

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



12.3519, 12.1926, 7.0126



9.1816, 9.7895, 18.2350

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.



12.2878, 12.1926, 22.5310



12.3519, 12.1926, 7.0126



9.7198, 12.1926, 19.6220

Square

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



12.3519, 12.1926, 7.0126



9.1228, 12.1926, 11.2491



10.8576, 12.1926, 22.4639



14.4632, 12.1926, 15.5321

Rectangle

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



12.3519, 12.1926, 7.0126



10.0965, 12.1926, 7.7475



10.8576, 12.1926, 22.4639



13.2212, 12.1926, 20.9549

Sweetspot

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



12.3522, 12.1932, 7.0128



27.3290, 28.3705, 26.2658



11.2029, 8.5402, 10.8054



6.1982, 6.4202, 5.8019



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.



12.3522, 12.1932, 7.0128



20.7802, 20.0285, 9.4219



14.4884, 16.7951, 7.7885



3.8325, 3.9980, 3.9120



10.0371, 8.0755, 1.0297



48.0474, 37.6233, 4.7296

Inverse Universe

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



9.1816, 9.7895, 18.2350



14.3181, 15.1325, 32.3032



7.6488, 6.5519, 17.6909



3.6265, 3.8417, 4.6406



4.9662, 4.2721, 19.1054



23.3631, 19.1428, 92.8239

Previews

White Background



This preview shows how the XYZ color 12.3519, 12.1926, 7.0126 looks on a white background.

Color Contrast Check

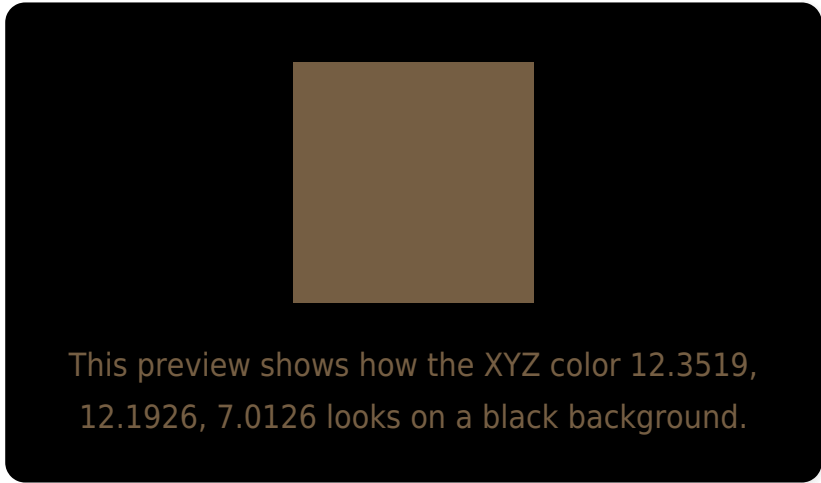
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 12.3519, 12.1926, 7.0126

Background



This preview shows how black text looks on a background with the XYZ color 12.3519, 12.1926, 7.0126.



This preview shows how white text looks on a background with the XYZ color 12.3519, 12.1926,

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

12.3519, 12.1926, 7.0126

Protanopia

11.3857, 12.2292, 7.3906

Deuteranopia

12.3519, 12.1926, 7.0126



Tritanopia

13.5596, 12.1685, 12.9433

Trichromacy



Original Color

12.3519, 12.1926, 7.0126

Protanomaly

11.7485, 12.2817, 7.2202

Deuteranomaly

12.3519, 12.1926, 7.0126

Tritanomaly

13.0285, 12.0760, 10.4483

Monochromacy



Original Color

12.3519, 12.1926, 7.0126

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.8207, 12.2408, 10.7565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.3519, 12.1926, 7.0126 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(117, 94, 67)` looks like.

```
.text, #text, p{  
    color:rgb(117, 94, 67)  
}
```

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(117, 94, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 94, 67) }
```

Border

The CSS property to change the border of an element to XYZ 12.3519, 12.1926, 7.0126 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(117, 94, 67) }
```


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

```
.border{ border-color:rgb(117, 94, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 94, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 94, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 94, 67);  
box-shadow:4px 4px 4px 4px rgb(117, 94,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 12.3519, 12.1926, 7.0126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 94, 67) }
```

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

```
.background{ background-color: rgb(117, 94,  
67) }
```

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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