

Converting Colors

XYZ(8.9534, 13.0976, 7.5260)

Have a look what the booklet for
XYZ(8.9534, 13.0976, 7.5260)
contains.

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Color

**XYZ(8.9519, 13.0957,
7.5247)**

Conversions

Conversions Part 1

Format	Color
Hex	407044
RGB	64, 112, 68
RGB Percent	25%, 44%, 27%
CMY	0.7490, 0.5608, 0.7333
CMYK	0.43, 0.00, 0.39, 0.56
HSL	125°, 27%, 35%
HSV	125°, 43%, 44%
XYZ	8.9519, 13.0957, 7.5247
YIQ	92.6320, -14.4840, -23.8600

Conversions

Conversions Part 2

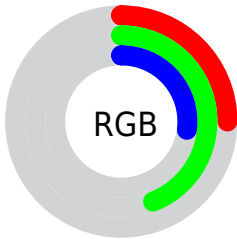
Format	Color
RYB	64, 108, 112
Decimal	4223044
CIELab	42.91, -26.42, 19.49
CIElCh	43, 32.831, 143.584
Yxy	13.0957, 0.3027, 0.4428
Android (android.graphics.Color)	4282413124 (0xFF407044)
YUV	92.6320, -12.1436, -25.1103
Hunter-Lab	36.1880, -19.1730, 13.0032

Details

The XYZ color **8.9519, 13.0957, 7.5247** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.2227, 8.1945, 15.1781**, and the grayscale version is **10.3488, 10.8878, 11.8568**.

A 20% lighter version of the original color is **23.4258, 31.4127, 21.6582**, and **2.1642, 3.8183, 1.4871** is the 20% darker color. If you saturate the color by 10%, you get **8.0091, 12.6431, 5.9859**, and if you desaturate by 10%, it is **10.0966, 13.6467, 9.3601**.

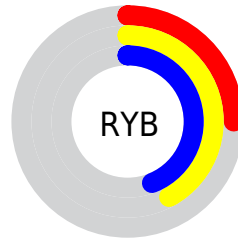
Distribution



Red (25%)

Green (44%)

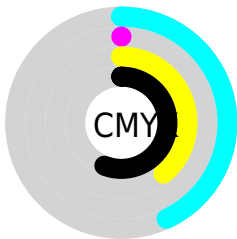
Blue (27%)



Red (25%)

Yellow (42%)

Blue (44%)

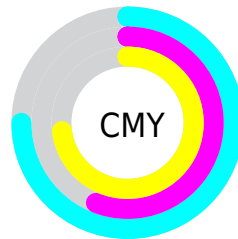


Cyan (43%)

Magenta (0%)

Yellow (39%)

Black (56%)



Cyan (75%)

Magenta (56%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.9519, 13.0957, 7.5247 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 8.9519, 13.0957, 7.5247 by changing the saturation by 10% instead.

8.9519, 13.0957,
7.5247

8.9519, 13.0957,
7.5247

177.2333,
211.5301, 181.7481

4.7667, 7.4945,
3.7090

23.4725, 31.4756,
21.5518

2.1444, 3.7732,
1.4671

34.5386, 45.0231,
32.6003

0.7132, 1.5475,
0.1932

48.6290, 61.9881,
46.8968

0.0000, 0.3218,
0.0000

66.1090, 82.7550,
64.8598

0.0000, 0.0000,
0.0000

87.3442, 107.7083,
86.9079

112.6997,

137.2323, 113.4596

142.5409,
171.7115, 144.9335

■ 8.9519, 13.0957,
7.5247

■ 8.9519, 13.0957,
7.5247

■ 8.0091, 12.6431,
5.9859

■ 10.0966, 13.6467,
9.3601

■ 7.2556, 12.2818,
4.7272

■ 11.4529, 14.2999,
11.5056

■ 6.6787, 12.0058,
3.7322

■ 13.0311, 15.0605,
13.9748

■ 6.2640, 11.8082,
2.9820

■ 14.8407, 15.9331,
16.7804

■ 5.9932, 11.6799,
2.4553

■ 16.8903, 16.9220,
19.9345

■ 5.8456, 11.6093,
2.2008

■ 19.1884, 18.0313,
23.4483

■ 21.7428, 19.2649,
27.3327

■ 24.5612, 20.6263,
31.5981

■ 27.6509, 22.1192,
36.2545

Harmonies

Analogous

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



10.6135, 13.0957, 4.9698



8.9519, 13.0957, 7.5247



8.2391, 13.0957, 12.7689

Triad

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



8.9519, 13.0957, 7.5247



11.9153, 13.0957, 32.8868



17.4171, 13.0957, 9.4113

Complementary

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



8.9519, 13.0957, 7.5247



11.2227, 8.1945, 15.1781

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.



17.8880, 13.0957, 15.8607



8.9519, 13.0957, 7.5247



14.4805, 13.0957, 31.0569

Square

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



8.9519, 13.0957, 7.5247



9.7952, 13.0957, 28.5322



16.7508, 13.0957, 24.1438



15.5390, 13.0957, 5.7750

Rectangle

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



8.9519, 13.0957, 7.5247



8.3190, 13.0957, 17.7595



16.7508, 13.0957, 24.1438



17.7548, 13.0957, 11.2516

Sweetspot

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



8.9522, 13.0962, 7.5250



22.7485, 26.3875, 24.3265



12.9045, 15.1473, 7.0941



5.3396, 6.2789, 5.6484



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



8.9522, 13.0962, 7.5250



14.1475, 22.2474, 10.6439



9.8407, 13.4516, 12.2033



3.3553, 3.7673, 3.6774



6.7532, 13.4188, 2.5210



33.4997, 66.7885, 11.8167

Inverse Universe

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



11.2227, 8.1945, 15.1781



18.6790, 12.4554, 25.9117



10.1161, 7.7518, 9.3508



3.5030, 3.4489, 4.1755



10.5319, 5.1051, 15.1426



52.3099, 25.3693, 74.6213

Previews

White Background



This preview shows how the XYZ color 8.9519, 13.0957, 7.5247 looks on a white background.

Color Contrast Check

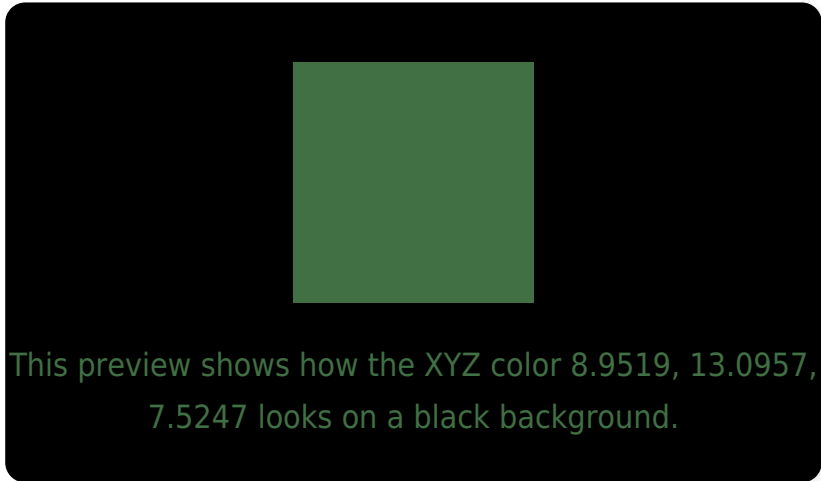
Large Text (above 18pt) WCAG AA ✓ Pass

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 8.9519, 13.0957, 7.5247

Background



This preview shows how black text looks on a background with the XYZ color 8.9519, 13.0957, 7.5247.



This preview shows how white text looks on a background with the XYZ color 8.9519, 13.0957,

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

8.9519, 13.0957, 7.5247

Protanopia

12.0095, 12.9925, 6.7253

Deuteranopia

13.1901, 13.0103, 7.9469



Tritanopia

11.0726, 13.0017, 18.1457

Trichromacy



Original Color

8.9519, 13.0957, 7.5247

Protanomaly

10.5199, 12.8120, 6.9195

Deuteranomaly

11.1442, 12.6670, 7.8188

Tritanomaly

10.0930, 12.9091, 13.5150

Monochromacy



Original Color

8.9519, 13.0957, 7.5247

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

9.6371, 11.5483, 10.1086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.9519, 13.0957, 7.5247 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(64, 112, 68)` looks like.

```
.text, #text, p{  
    color:rgb(64, 112, 68)  
}
```

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(64, 112, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 112, 68) }
```

Border

The CSS property to change the border of an element to XYZ 8.9519, 13.0957, 7.5247 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(64, 112, 68) }
```


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

```
.border{ border-color:rgb(64, 112, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 112, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 112, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 112, 68);  
box-shadow:4px 4px 4px 4px rgb(64, 112,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 8.9519, 13.0957, 7.5247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 112, 68) }
```

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

```
.background{ background-color: rgb(64, 112,  
68) }
```

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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