

Converting Colors

XYZ(9.3335, 13.3315, 7.2662)

Have a look what the booklet for
XYZ(9.3335, 13.3315, 7.2662)
contains.

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Color

**XYZ(9.3033, 13.2838,
7.2279)**

Conversions

Conversions Part 1

Format	Color
Hex	467042
RGB	70, 112, 66
RGB Percent	27%, 44%, 26%
CMY	0.7255, 0.5608, 0.7412
CMYK	0.38, 0.00, 0.41, 0.56
HSL	115°, 26%, 35%
HSV	115°, 41%, 44%
XYZ	9.3033, 13.2838, 7.2279
YIQ	94.1980, -10.2660, -23.2100

Conversions

Conversions Part 2

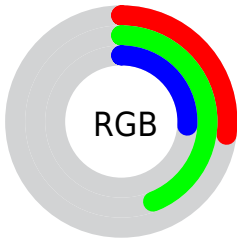
Format	Color
RYB	66, 112, 108
Decimal	4616258
CIELab	43.19, -24.69, 21.07
CIElCh	43, 32.458, 139.528
Yxy	13.2838, 0.3120, 0.4455
Android (android.graphics.Color)	4282806338 (0xFF467042)
YUV	94.1980, -13.9016, -21.2216
Hunter-Lab	36.4469, -18.2190, 13.7549

Details

The XYZ color **9.3033, 13.2838, 7.2279** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.0578, 8.2548, 16.3405**, and the grayscale version is **10.7201, 11.2784, 12.2822**.

A 20% lighter version of the original color is **24.1157, 31.7818, 21.0831**, and **2.3091, 3.8953, 1.3892** is the 20% darker color. If you saturate the color by 10%, you get **8.3291, 12.8165, 5.6243**, and if you desaturate by 10%, it is **10.4686, 13.8429, 9.1787**.

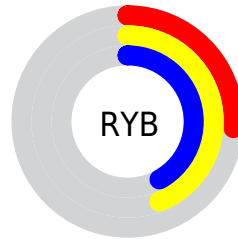
Distribution



Red (27%)

Green (44%)

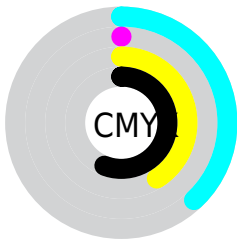
Blue (26%)



Red (26%)

Yellow (44%)

Blue (42%)

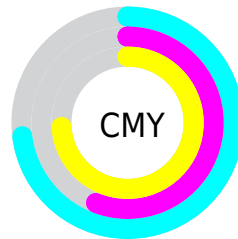


Cyan (38%)

Magenta (0%)

Yellow (41%)

Black (56%)



Cyan (73%)

Magenta (56%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.3033, 13.2838, 7.2279 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 9.3033, 13.2838, 7.2279 by changing the saturation by 10% instead.

9.3033, 13.2838,
7.2279

9.3033, 13.2838,
7.2279

179.7842,
212.7286, 179.2463

4.9982, 7.6243,
3.5244

24.1383, 31.8127,
20.9509

2.2810, 3.8555,
1.3683

35.3990, 45.4509,
31.8074

0.7849, 1.5931,
0.1168

49.7088, 62.5174,
45.8855

0.0000, 0.3529,
0.0000

67.4333, 83.3966,
63.6035

0.0000, 0.0000,
0.0000

88.9377, 108.4729,
85.3801

114.5875,

138.1308, 111.6337

144.7478,
172.7545, 142.7829

■ 9.3033, 13.2838,
7.2279

■ 9.3033, 13.2838,
7.2279

■ 8.3291, 12.8165,
5.6243

■ 10.4686, 13.8429,
9.1787

■ 7.5348, 12.4344,
4.3466

■ 11.8333, 14.4966,
11.4944

■ 6.9095, 12.1330,
3.3729

■ 13.4065, 15.2496,
14.1926

■ 6.4410, 11.9064,
2.6779

■ 15.1966, 16.1057,
17.2896

■ 6.1152, 11.7479,
2.2324

■ 17.2113, 17.0687,
20.8006

■ 5.9163, 11.6517,
1.9372

■ 19.4580, 18.1420,
24.7400

■ 21.9438, 19.3291,
29.1216

■ 24.6755, 20.6332,
33.9586

■ 27.6597, 22.0572,
39.2636

Harmonies

Analogous

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



11.0826, 13.2838, 4.9661



9.3033, 13.2838, 7.2279



8.4553, 13.2838, 12.0976

Triad

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



9.3033, 13.2838, 7.2279



11.7701, 13.2838, 32.7222



17.7340, 13.2838, 10.3236

Complementary

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



9.3033, 13.2838, 7.2279



11.0578, 8.2548, 16.3405

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.



17.9821, 13.2838, 17.1200



9.3033, 13.2838, 7.2279



14.3062, 13.2838, 31.7598

Square

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



9.3033, 13.2838, 7.2279



9.7492, 13.2838, 27.7078



16.6580, 13.2838, 25.3984



16.0191, 13.2838, 6.3003

Rectangle

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



9.3033, 13.2838, 7.2279



8.4447, 13.2838, 16.8707



16.6580, 13.2838, 25.3984



17.9996, 13.2838, 12.2974

Sweetspot

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



9.3036, 13.2844, 7.2282



23.1870, 26.6144, 24.3054



12.9656, 14.4378, 7.2578



5.5062, 6.3632, 5.7286



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.



9.3036, 13.2844, 7.2282



14.7547, 22.5735, 10.0808



9.6573, 13.3936, 10.5465



3.3695, 3.7758, 3.6246



6.8289, 13.4641, 2.2389



33.6879, 66.9008, 11.1376

Inverse Universe

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



11.0578, 8.2548, 16.3405



18.2692, 12.4725, 28.3743



10.6333, 8.1425, 11.5075



3.4872, 3.4395, 4.2343



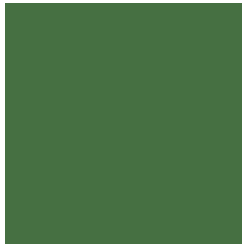
9.7410, 4.6311, 18.1021



48.1590, 22.8812, 90.1574

Previews

White Background



This preview shows how the XYZ color 9.3033, 13.2838, 7.2279 looks on a white background.

Color Contrast Check

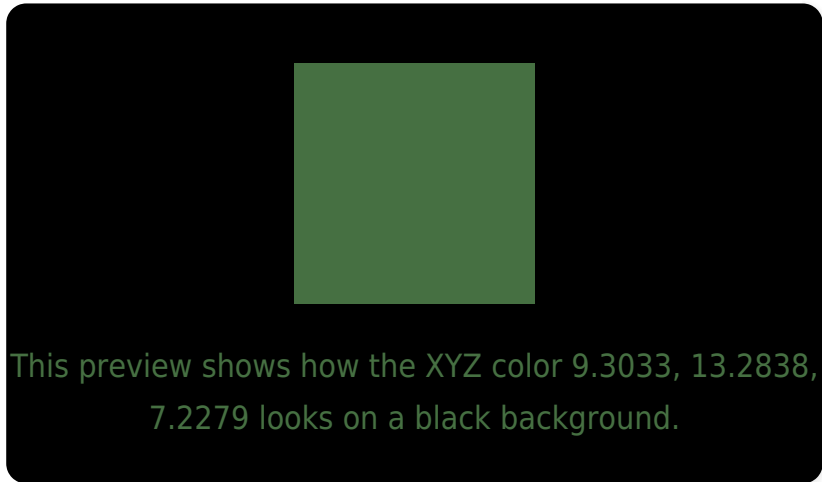
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.3033, 13.2838, 7.2279

Background



This preview shows how black text looks on a background with the XYZ color 9.3033, 13.2838, 7.2279.



This preview shows how white text looks on a background with the XYZ color 9.3033, 13.2838,

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

9.3033, 13.2838, 7.2279

Protanopia

12.1764, 13.2301, 6.4693

Deuteranopia

13.2340, 13.0440, 7.4505



Tritanopia

11.4730, 13.2081, 18.1644

Trichromacy



Original Color

9.3033, 13.2838, 7.2279

Protanomaly

10.8751, 13.1537, 6.6684

Deuteranomaly

11.2742, 12.7449, 7.3346

Tritanomaly

10.5007, 13.1247, 13.2891

Monochromacy



Original Color

9.3033, 13.2838, 7.2279

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.0002, 11.8787, 10.1533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.3033, 13.2838, 7.2279 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(70, 112, 66)` looks like.

```
.text, #text, p{  
    color:rgb(70, 112, 66)  
}
```

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(70, 112, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 112, 66) }
```

Border

The CSS property to change the border of an element to XYZ 9.3033, 13.2838, 7.2279 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(70, 112, 66) }
```


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

```
.border{ border-color:rgb(70, 112, 66) }
```

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

Here you see how a box with a 4 pixel rgb(70, 112, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 112, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 112, 66);  
box-shadow:4px 4px 4px 4px rgb(70, 112,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 9.3033, 13.2838, 7.2279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 112, 66) }
```

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

```
.background{ background-color: rgb(70, 112,  
66) }
```

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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