

Converting Colors

XYZ(9.2024, 13.1521, 7.4154)

Have a look what the booklet for
XYZ(9.2024, 13.1521, 7.4154)
contains.

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Color

**XYZ(9.2615, 13.2588,
7.3813)**

Conversions

Conversions Part 1

Format	Color
Hex	457043
RGB	69, 112, 67
RGB Percent	27%, 44%, 26%
CMY	0.7294, 0.5608, 0.7372
CMYK	0.38, 0.00, 0.40, 0.56
HSL	117°, 25%, 35%
HSV	117°, 40%, 44%
XYZ	9.2615, 13.2588, 7.3813
YIQ	94.0130, -11.1830, -23.1110

Conversions

Conversions Part 2

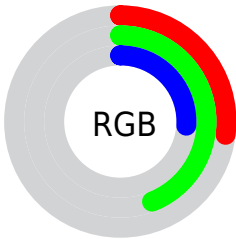
Format	Color
RYB	67, 112, 110
Decimal	4550723
CIELab	43.15, -24.88, 20.43
CIElCh	43, 32.193, 140.599
Yxy	13.2588, 0.3097, 0.4434
Android (android.graphics.Color)	4282740803 (0xFF457043)
YUV	94.0130, -13.3174, -21.9364
Hunter-Lab	36.4126, -18.3209, 13.4700

Details

The XYZ color **9.2615, 13.2588, 7.3813** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.3630, 8.4997, 16.3717**, and the grayscale version is **10.6750, 11.2310, 12.2305**.

A 20% lighter version of the original color is **24.0356, 31.7338, 21.3814**, and **2.2765, 3.8774, 1.4390** is the 20% darker color. If you saturate the color by 10%, you get **8.2656, 12.7809, 5.7473**, and if you desaturate by 10%, it is **10.4601, 13.8344, 9.3647**.

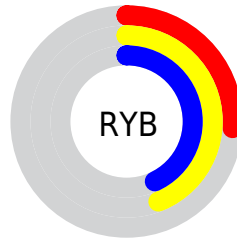
Distribution



Red (27%)

Green (44%)

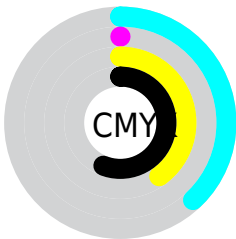
Blue (26%)



Red (26%)

Yellow (44%)

Blue (43%)

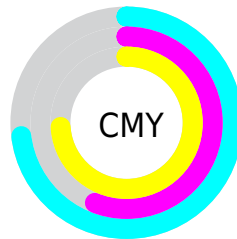


Cyan (38%)

Magenta (0%)

Yellow (40%)

Black (56%)



Cyan (73%)

Magenta (56%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.2615, 13.2588, 7.3813 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 9.2615, 13.2588, 7.3813 by changing the saturation by 10% instead.

■ 9.2615, 13.2588,
7.3813

■ 9.2615, 13.2588,
7.3813

179.4829,
212.5697, 180.5448

■ 4.9706, 7.6070,
3.6196

■ 24.0593, 31.7680,
21.2621

■ 2.2646, 3.8445,
1.4191

■ 35.2970, 45.3941,
32.2183

■ 0.7765, 1.5870,
0.1565

■ 49.5810, 62.4471,
46.4097

■ 0.0000, 0.3488,
0.0000

■ 67.2766, 83.3115,
64.2550

■ 0.0000, 0.0000,
0.0000

■ 88.7493, 108.3715,
86.1726

114.3643,

138.0116, 112.5811

144.4871,
172.6162, 143.8990

■ 9.2615, 13.2588,
7.3813

■ 9.2615, 13.2588,
7.3813

■ 8.2656, 12.7809,
5.7473

■ 10.4601, 13.8344,
9.3647

■ 7.4603, 12.3938,
4.4416

■ 11.8706, 14.5110,
11.7152

■ 6.8337, 12.0923,
3.4423

■ 13.5030, 15.2937,
14.4503

■ 6.3720, 11.8697,
2.7245

■ 15.3662, 16.1867,
17.5861

■ 6.0599, 11.7187,
2.2592

■ 17.4688, 17.1942,
21.1379

■ 5.8567, 11.6210,
1.9344

■ 19.8189, 18.3200,
25.1201

■ 22.4241, 19.5678,
29.5465

■ 25.2918, 20.9410,
34.4301

■ 28.4290, 22.4431,
39.7836

Harmonies

Analogous

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



10.9960, 13.2588, 5.0481



9.2615, 13.2588, 7.3813



8.4548, 13.2588, 12.3167

Triad

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



9.2615, 13.2588, 7.3813



11.8383, 13.2588, 32.5613



17.6196, 13.2588, 10.1409

Complementary

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



9.2615, 13.2588, 7.3813



11.3630, 8.4997, 16.3717

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.



17.9228, 13.2588, 16.7868



9.2615, 13.2588, 7.3813



14.3574, 13.2588, 31.3881

Square

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



9.2615, 13.2588, 7.3813



9.8084, 13.2588, 27.7876



16.6625, 13.2588, 24.9694



15.8815, 13.2588, 6.2396

Rectangle

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



9.2615, 13.2588, 7.3813



8.4681, 13.2588, 17.1002



16.6625, 13.2588, 24.9694



17.9009, 13.2588, 12.0650

Sweetspot

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



9.2618, 13.2594, 7.3816



23.0743, 26.5563, 24.3001



13.2448, 14.9487, 7.4977



5.4775, 6.3484, 5.7272



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.



9.2618, 13.2594, 7.3816



14.6669, 22.5225, 10.3358



9.8399, 13.4745, 11.1531



3.3575, 3.7696, 3.6240



6.7651, 13.4312, 2.2359



33.5057, 66.8068, 11.1291

Inverse Universe

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



11.3630, 8.4997, 16.3717



18.8922, 12.9397, 28.4317



10.6106, 8.2278, 11.0974



3.5005, 3.4463, 4.2349



10.3894, 4.9654, 18.1324



51.5566, 24.6328, 90.3164

Previews

White Background



This preview shows how the XYZ color 9.2615, 13.2588, 7.3813 looks on a white background.

Color Contrast Check

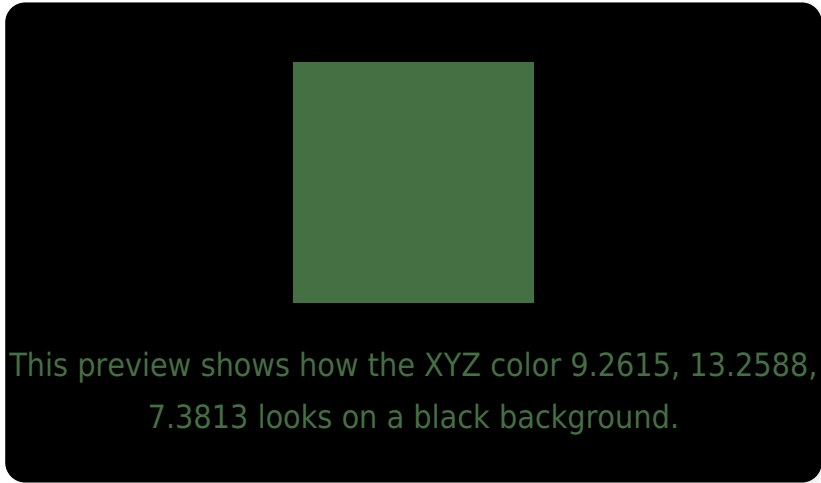
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.2615, 13.2588, 7.3813

Background



This preview shows how black text looks on a background with the XYZ color 9.2615, 13.2588, 7.3813.



This preview shows how white text looks on a background with the XYZ color 9.2615, 13.2588,

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

9.2615, 13.2588, 7.3813

Protanopia

12.2041, 13.2411, 6.6152

Deuteranopia

13.2653, 13.0565, 7.6154



Tritanopia

11.3904, 13.1656, 18.1605

Trichromacy



Original Color

9.2615, 13.2588, 7.3813

Protanomaly

10.9033, 13.1650, 6.8169

Deuteranomaly

11.3050, 12.7572, 7.4968

Tritanomaly

10.4688, 13.1028, 13.5326

Monochromacy



Original Color

9.2615, 13.2588, 7.3813

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 9.2615, 13.2588, 7.3813 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(69, 112, 67)` looks like.

```
.text, #text, p{  
    color:rgb(69, 112, 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(69, 112, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 112, 67) }
```

Border

The CSS property to change the border of an element to XYZ 9.2615, 13.2588, 7.3813 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(69, 112, 67) }
```


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

```
.border{ border-color:rgb(69, 112, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 112, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 112, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 112, 67);  
box-shadow:4px 4px 4px 4px rgb(69, 112,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 9.2615, 13.2588, 7.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 112, 67) }
```

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

```
.background{ background-color: rgb(69, 112,  
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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