

Converting Colors

XYZ(9.7908, 14.6091, 7.2982)

Have a look what the booklet for
XYZ(9.7908, 14.6091, 7.2982)
contains.

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Color

**XYZ(9.7473, 14.5318,
7.2922)**

Conversions

Conversions Part 1

Format	Color
Hex	437641
RGB	67, 118, 65
RGB Percent	26%, 46%, 25%
CMY	0.7373, 0.5372, 0.7451
CMYK	0.43, 0.00, 0.45, 0.54
HSL	118°, 29%, 36%
HSV	118°, 45%, 46%
XYZ	9.7473, 14.5318, 7.2922
YIQ	96.7090, -13.3830, -27.2950

Conversions

Conversions Part 2

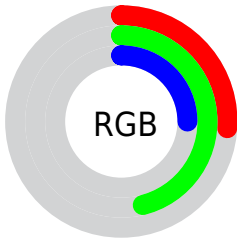
Format	Color
RYB	65, 118, 116
Decimal	4421185
CIELab	44.99, -28.83, 23.93
CIElCh	45, 37.470, 140.312
Yxy	14.5318, 0.3087, 0.4603
Android (android.graphics.Color)	4282611265 (0xFF437641)
YUV	96.7090, -15.6325, -26.0548
Hunter-Lab	38.1206, -21.0692, 15.3427

Details

The XYZ color **9.7473, 14.5318, 7.2922** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.3634, 8.8021, 18.1876**, and the grayscale version is **11.3306, 11.9207, 12.9817**.

A 20% lighter version of the original color is **25.0714, 34.1923, 21.1980**, and **2.4514, 4.4083, 1.3835** is the 20% darker color. If you saturate the color by 10%, you get **8.7371, 14.0469, 5.6433**, and if you desaturate by 10%, it is **10.9824, 15.1252, 9.3251**.

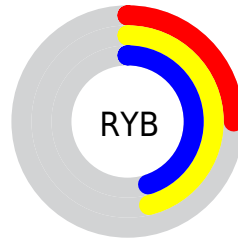
Distribution



Red (26%)

Green (46%)

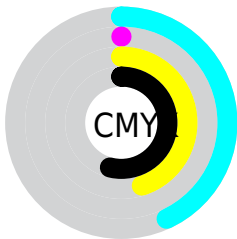
Blue (25%)



Red (25%)

Yellow (46%)

Blue (45%)

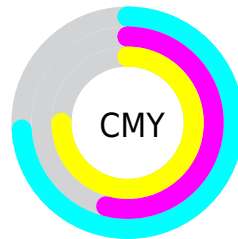


Cyan (43%)

Magenta (0%)

Yellow (45%)

Black (54%)



Cyan (74%)

Magenta (54%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.7473, 14.5318, 7.2922 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 9.7473, 14.5318, 7.2922 by changing the saturation by 10% instead.

9.7473, 14.5318,
7.2922

9.7473, 14.5318,
7.2922

182.9505,
220.5146, 179.7921

5.2927, 8.4915,
3.5643

24.9731, 34.0297,
21.0815

2.4565, 4.4110,
1.3895

36.4751, 48.2560,
31.9799

0.8734, 1.9060,
0.1335

51.0568, 65.9798,
46.1056

0.0000, 0.5520,
0.0000

69.0838, 87.5855,
63.8772

0.0000, 0.0000,
0.0000

90.9212, 113.4574,
85.7130

116.9346,

143.9800, 112.0318

147.4892,
179.5375, 143.2519

■ 9.7473, 14.5318,
7.2922

■ 9.7473, 14.5318,
7.2922

■ 8.7371, 14.0469,
5.6433

■ 10.9824, 15.1252,
9.3251

■ 7.9372, 13.6623,
4.3534

■ 12.4536, 15.8312,
11.7631

■ 7.3331, 13.3714,
3.3962


■ 14.1727, 16.6559,
14.6268


■ 6.9080, 13.1663,
2.7410


■ 16.1504, 17.6042,
17.9351


■ 6.6396, 13.0366,
2.3387


■ 18.3969, 18.6812,
21.7059

 6.5344, 12.9862,
2.1622

 20.9215, 19.8912,
25.9559

 23.7334, 21.2387,
30.7011

 26.8412, 22.7277,
35.9569

 30.2533, 24.3623,
41.7378

Harmonies

Analogous

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



11.8616, 14.5318, 4.6701



9.7473, 14.5318, 7.2922



8.7697, 14.5318, 13.1433

Triad

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



9.7473, 14.5318, 7.2922



12.8417, 14.5318, 39.0393



20.1245, 14.5318, 10.6474

Complementary

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



9.7473, 14.5318, 7.2922



12.3634, 8.8021, 18.1876

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.



20.4904, 14.5318, 18.8435



9.7473, 14.5318, 7.2922



15.9654, 14.5318, 37.5780

Square

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



9.7473, 14.5318, 7.2922



10.3731, 14.5318, 32.7351



18.8739, 14.5318, 29.2696



17.9376, 14.5318, 6.0491

Rectangle

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



9.7473, 14.5318, 7.2922



8.7780, 14.5318, 19.0477



18.8739, 14.5318, 29.2696



20.4759, 14.5318, 12.9839

Sweetspot

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



9.7477, 14.5324, 7.2925



25.4417, 29.5358, 26.5902



14.5967, 16.5754, 7.4313



5.7134, 6.7255, 5.8864



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.



9.7477, 14.5324, 7.2925



15.2942, 24.6654, 9.8123



10.4557, 14.8001, 11.7242



3.6522, 4.1042, 3.9420



7.0665, 14.0473, 2.3390



34.2725, 68.3699, 11.3904

Inverse Universe

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



12.3634, 8.8021, 18.1876



20.5201, 13.2009, 31.6035



11.3891, 8.4434, 11.6549



3.8136, 3.7512, 4.6133



10.9795, 5.2515, 18.9775



53.3361, 25.5043, 92.4720

Previews

White Background



This preview shows how the XYZ color 9.7473, 14.5318, 7.2922 looks on a white background.

Color Contrast Check

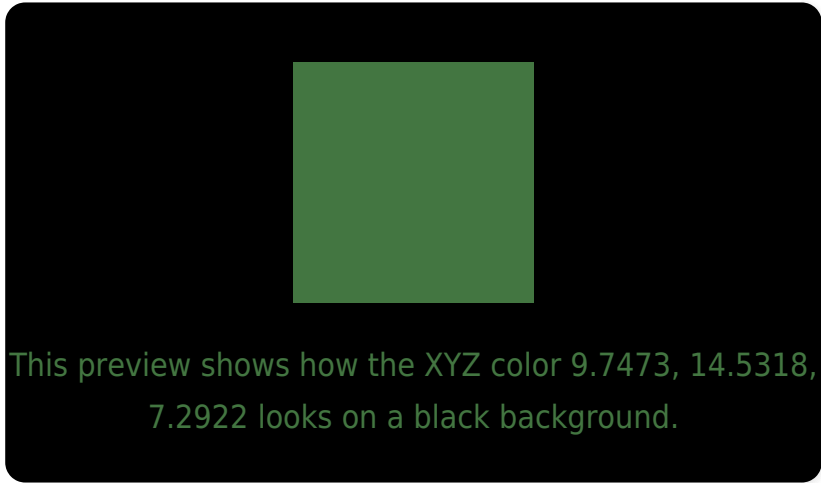
Large Text (above 18pt) WCAG AA ✓ Pass

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

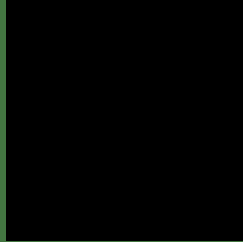
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.7473, 14.5318, 7.2922

Background



This preview shows how black text looks on a background with the XYZ color 9.7473, 14.5318, 7.2922.



This preview shows how white text looks on a background with the XYZ color 9.7473, 14.5318,

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

9.7473, 14.5318, 7.2922

Protanopia

13.1988, 14.3580, 6.4906

Deuteranopia

14.4803, 14.2491, 7.6174



Tritanopia

12.3872, 14.5885, 20.2521

Trichromacy



Original Color

9.7473, 14.5318, 7.2922

Protanomaly

11.4824, 14.0963, 6.6731

Deuteranomaly

12.1268, 13.9360, 7.5196

Tritanomaly

11.1903, 14.4301, 14.5074

Monochromacy



Original Color

9.7473, 14.5318, 7.2922

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.5290, 12.7375, 10.4980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.7473, 14.5318, 7.2922 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(67, 118, 65)` looks like.

```
.text, #text, p{  
    color:rgb(67, 118, 65)  
}
```

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(67, 118, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 118, 65) }
```

Border

The CSS property to change the border of an element to XYZ 9.7473, 14.5318, 7.2922 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(67, 118, 65) }
```


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

```
.border{ border-color:rgb(67, 118, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 118, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 118, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 118, 65);  
box-shadow:4px 4px 4px 4px rgb(67, 118,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 9.7473, 14.5318, 7.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 118, 65) }
```

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

```
.background{ background-color: rgb(67, 118,  
65) }
```

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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