

Converting Colors

XYZ(9.2931, 14.0012, 7.1429)

Have a look what the booklet for
XYZ(9.2931, 14.0012, 7.1429)
contains.

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Color

**XYZ(9.2494, 13.9292,
7.2021)**

Conversions

Conversions Part 1

Format	Color
Hex	3F7441
RGB	63, 116, 65
RGB Percent	25%, 45%, 25%
CMY	0.7529, 0.5451, 0.7451
CMYK	0.46, 0.00, 0.44, 0.55
HSL	122°, 30%, 35%
HSV	122°, 46%, 45%
XYZ	9.2494, 13.9292, 7.2021
YIQ	94.3390, -15.2170, -27.0970

Conversions

Conversions Part 2

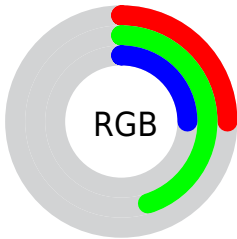
Format	Color
RYB	63, 114, 116
Decimal	4158529
CIELab	44.13, -29.20, 22.79
CIElCh	44, 37.044, 142.032
Yxy	13.9292, 0.3044, 0.4585
Android (android.graphics.Color)	4282348609 (0xFF3F7441)
YUV	94.3390, -14.4641, -27.4843
Hunter-Lab	37.3218, -21.0759, 14.6839

Details

The XYZ color **9.2494, 13.9292, 7.2021** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.0176, 8.4831, 16.9240**, and the grayscale version is **10.7558, 11.3159, 12.3230**.

A 20% lighter version of the original color is **23.9793, 32.7976, 20.9863**, and **2.2461, 4.1229, 1.3392** is the 20% darker color. If you saturate the color by 10%, you get **8.2932, 13.4704, 5.6332**, and if you desaturate by 10%, it is **10.4264, 14.4952, 9.1156**.

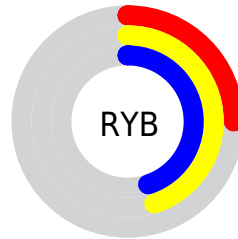
Distribution



Red (25%)

Green (45%)

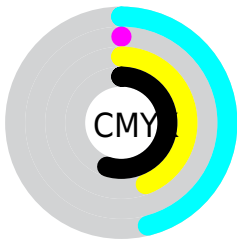
Blue (25%)



Red (25%)

Yellow (45%)

Blue (45%)

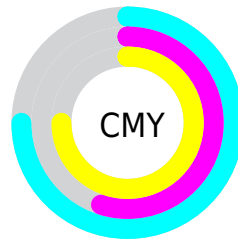


Cyan (46%)

Magenta (0%)

Yellow (44%)

Black (55%)



Cyan (75%)


Magenta (55%)


Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.2494, 13.9292, 7.2021 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 9.2494, 13.9292, 7.2021 by changing the saturation by 10% instead.


 9.2494, 13.9292,
7.2021


 9.2494, 13.9292,
7.2021


179.3956,
216.7899, 179.0267


 4.9626, 8.0714,
3.5085


 24.0365, 32.9634,
20.8984

 2.2599, 4.1407,
1.3598

 35.2675, 46.9085,
31.7381


 0.7740, 1.7526,
0.1100

 49.5440, 64.3183,
45.7970

 0.0000, 0.4574,
0.0000

 67.2312, 85.5771,
63.4935

 0.0000, 0.0000,
0.0000

 88.6947, 111.0692,
85.2461

 114.2997,

141.1792, 111.4736

144.4115,
176.2913, 142.5942

■ 9.2494, 13.9292,
7.2021

■ 9.2494, 13.9292,
7.2021

■ 8.2932, 13.4704,
5.6332

■ 10.4264, 14.4952,
9.1156

■ 7.5431, 13.1105,
4.3875

■ 11.8356, 15.1728,
11.3916

■ 6.9842, 12.8427,
3.4429


■ 13.4889, 15.9680,
14.0477


■ 6.5992, 12.6586,
2.7739


■ 15.3973, 16.8862,
17.1001


■ 6.3586, 12.5437,
2.3499


■ 17.5707, 17.9323,
20.5642

 6.2697, 12.5009,
2.2082

 20.0189, 19.1108,
24.4544

 22.7509, 20.4262,
28.7847

 25.7754, 21.8826,
33.5680

 29.1008, 23.4842,
38.8172

Harmonies

Analogous

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



11.2220, 13.9292, 4.5367



9.2494, 13.9292, 7.2021



8.3756, 13.9292, 13.0226

Triad

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



9.2494, 13.9292, 7.2021



12.4678, 13.9292, 37.6364



19.2294, 13.9292, 9.8489

Complementary

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



9.2494, 13.9292, 7.2021



12.0176, 8.4831, 16.9240

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.



19.6944, 13.9292, 17.5337



9.2494, 13.9292, 7.2021



15.4849, 13.9292, 35.7795

Square

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



9.2494, 13.9292, 7.2021



10.0450, 13.9292, 31.9324



18.2377, 13.9292, 27.5284



17.0478, 13.9292, 5.6212

Rectangle

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



9.2494, 13.9292, 7.2021



8.4273, 13.9292, 18.8141



18.2377, 13.9292, 27.5284



19.6035, 13.9292, 12.0238

Sweetspot

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



9.2498, 13.9298, 7.2024



24.1320, 28.2707, 25.3682



14.1130, 16.4435, 7.1327



5.6257, 6.6812, 5.8415



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.



9.2498, 13.9298, 7.2024



14.4733, 23.6276, 9.7299



10.1955, 14.3081, 12.1826



3.6457, 4.1002, 3.9682



7.0341, 14.0276, 2.4696



34.2062, 68.3298, 11.6570

Inverse Universe

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



12.0176, 8.4831, 16.9240



20.0019, 12.7420, 29.1433



10.7308, 7.9684, 10.1474



3.8210, 3.7557, 4.5839



11.3397, 5.4696, 17.5288



55.1859, 26.6245, 85.0312

Previews

White Background



This preview shows how the XYZ color 9.2494, 13.9292, 7.2021 looks on a white background.

Color Contrast Check

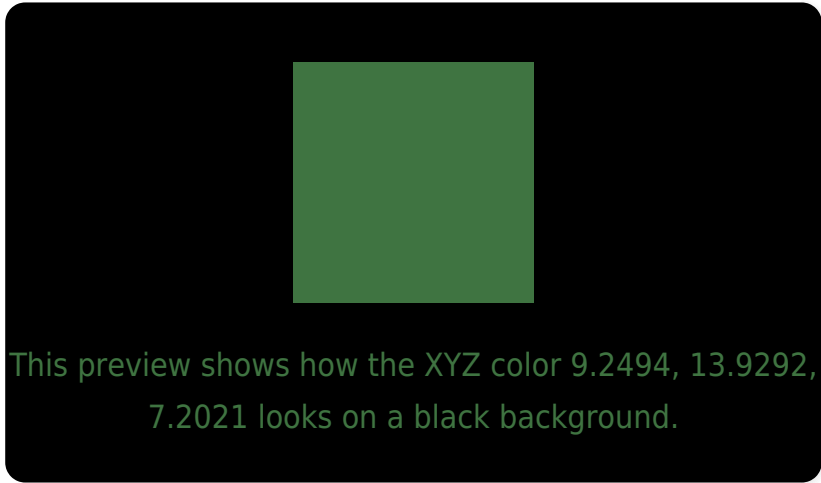
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.2494, 13.9292, 7.2021

Background



This preview shows how black text looks on a background with the XYZ color 9.2494, 13.9292, 7.2021.



This preview shows how white text looks on a background with the XYZ color 9.2494, 13.9292, 7.2021.

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

9.2494, 13.9292, 7.2021

Protanopia

12.7054, 13.8043, 6.2698

Deuteranopia

13.9935, 13.7133, 7.5396



Tritanopia

11.7297, 13.9396, 19.5252

Trichromacy



Original Color

9.2494, 13.9292, 7.2021

Protanomaly

10.9514, 13.5058, 6.5871

Deuteranomaly

11.5745, 13.3453, 7.4347

Tritanomaly

10.5721, 13.7913, 13.9092

Monochromacy



Original Color

9.2494, 13.9292, 7.2021

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

9.8800, 11.9663, 9.9726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.2494, 13.9292, 7.2021 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(63, 116, 65)` looks like.

```
.text, #text, p{  
    color:rgb(63, 116, 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(63, 116, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 116, 65) }
```

Border

The CSS property to change the border of an element to XYZ 9.2494, 13.9292, 7.2021 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(63, 116, 65) }
```


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

```
.border{ border-color:rgb(63, 116, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 116, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 116, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 116, 65);  
box-shadow:4px 4px 4px 4px rgb(63, 116,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 9.2494, 13.9292, 7.2021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 116, 65) }
```

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

```
.background{ background-color: rgb(63, 116,  
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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