

Converting Colors

XYZ(9.2164, 13.6179, 3.9212)

Have a look what the booklet for
XYZ(9.2164, 13.6179, 3.9212)
contains.

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Color

**XYZ(9.2529, 13.6641,
3.9000)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7225
RGB	75, 114, 37
RGB Percent	29%, 45%, 15%
CMY	0.7059, 0.5529, 0.8549
CMYK	0.34, 0.00, 0.68, 0.55
HSL	90°, 51%, 30%
HSV	90°, 68%, 45%
XYZ	9.2529, 13.6641, 3.9000
YIQ	93.5610, 1.4730, -32.2150

Conversions

Conversions Part 2

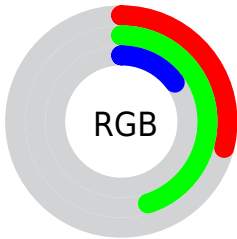
Format	Color
R_{YB}	37, 114, 76
Decimal	4944421
CIE Lab	43.75, -27.52, 37.09
CIE LCh	44, 46.181, 126.578
Yxy	13.6641, 0.3450, 0.5095
Android (android.graphics.Color)	4283134501 (0xFF4B7225)
YUV	93.5610, -27.8846, -16.2780
Hunter-Lab	36.9650, -20.0074, 19.6201

Details

The XYZ color **9.2529, 13.6641, 3.9000** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **6.6800, 4.0750, 16.3549**, and the grayscale version is **10.5995, 11.1515, 12.1439**.

A 20% lighter version of the original color is **24.0683, 32.4563, 13.8003**, and **2.3163, 4.0002, 0.6500** is the 20% darker color. If you saturate the color by 10%, you get **8.6699, 13.3815, 3.0801**, and if you desaturate by 10%, it is **9.9335, 13.9914, 5.0171**.

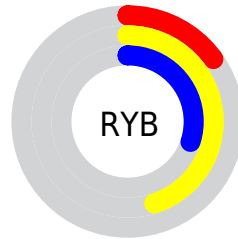
Distribution



Red (29%)

Green (45%)

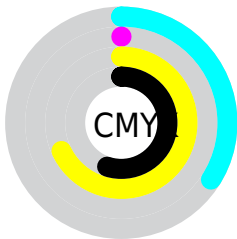
Blue (15%)



Red (15%)

Yellow (45%)

Blue (30%)

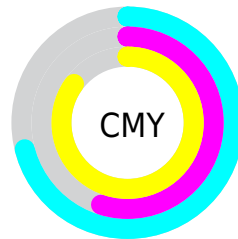


Cyan (34%)

Magenta (0%)

Yellow (68%)

Black (55%)



Cyan (71%)

Magenta (55%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.2529, 13.6641, 3.9000 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 9.2529, 13.6641, 3.9000 by changing the saturation by 10% instead.

■ 9.2529, 13.6641,
3.9000

■ 9.2529, 13.6641,
3.9000

179.4209,
215.1310, 147.1073

■ 4.9649, 7.8874,
1.5706

■ 24.0431, 32.4918,
13.7785

■ 2.2612, 4.0230,
0.2697

■ 35.2760, 46.3117,
22.1647

■ 0.7747, 1.6864,
0.0000

■ 49.5547, 63.5813,
33.4069

■ 0.0000, 0.4148,
0.0000

■ 67.2444, 84.6852,
47.9237

■ 0.0000, 0.0000,
0.0000

■ 88.7105, 110.0078,
66.1336

■ 114.3184,

139.9333, 88.4551

144.4334,
174.8463, 115.3068

■ 9.2529, 13.6641,
3.9000

■ 9.2529, 13.6641,
3.9000

■ 8.6699, 13.3815,
3.0801

■ 9.9335, 13.9914,
5.0171

■ 8.1771, 13.1392,
2.5278

■ 10.7165, 14.3640,
6.4554

■ 7.7591, 12.9313,
2.1675

■ 11.6075, 14.7848,
8.2374

■ 7.6629, 12.8834,
2.0829

■ 12.6113, 15.2558,
10.3835

■ 13.7323, 15.7789,
12.9124

■ 14.9748, 16.3559,
15.8414

■ 16.3428, 16.9885,
19.1871

■ 17.8401, 17.6783,
22.9647

■ 19.4702, 18.4269,
27.1889

Harmonies

Analogous

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



12.2033, 13.6641, 2.5386



9.2529, 13.6641, 3.9000



7.5734, 13.6641, 8.2573

Triad

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



9.2529, 13.6641, 3.9000



10.4034, 13.6641, 41.8271



21.2379, 13.6641, 12.7014

Complementary

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



9.2529, 13.6641, 3.9000



6.6800, 4.0750, 16.3549

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.



20.5111, 13.6641, 24.3332



9.2529, 13.6641, 3.9000



13.8042, 13.6641, 44.9222

Square

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



9.2529, 13.6641, 3.9000



8.1458, 13.6641, 30.2709



17.6116, 13.6641, 37.4253



19.4447, 13.6641, 5.8558

Rectangle

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



9.2529, 13.6641, 3.9000



7.1870, 13.6641, 13.7152



17.6116, 13.6641, 37.4253



21.2844, 13.6641, 16.1045

Sweetspot

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



9.2532, 13.6647, 3.9003



23.5230, 27.4439, 21.2968



9.8241, 8.8118, 2.9335



5.3415, 6.3008, 4.7020



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.



9.2532, 13.6647, 3.9003



14.7359, 23.2695, 4.8198



7.1146, 12.5622, 3.8002



3.4872, 3.8365, 3.6301



8.5105, 14.3311, 2.3176



41.4024, 70.8777, 11.4986

Inverse Universe

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



6.6800, 4.0750, 16.3549



9.8540, 5.0834, 28.4373



10.6389, 6.1158, 16.5402



3.3636, 3.3757, 4.2285



5.2876, 2.3353, 17.8937



25.3424, 11.1189, 89.0896

Previews

White Background



This preview shows how the XYZ color 9.2529, 13.6641, 3.9000 looks on a white background.

Color Contrast Check

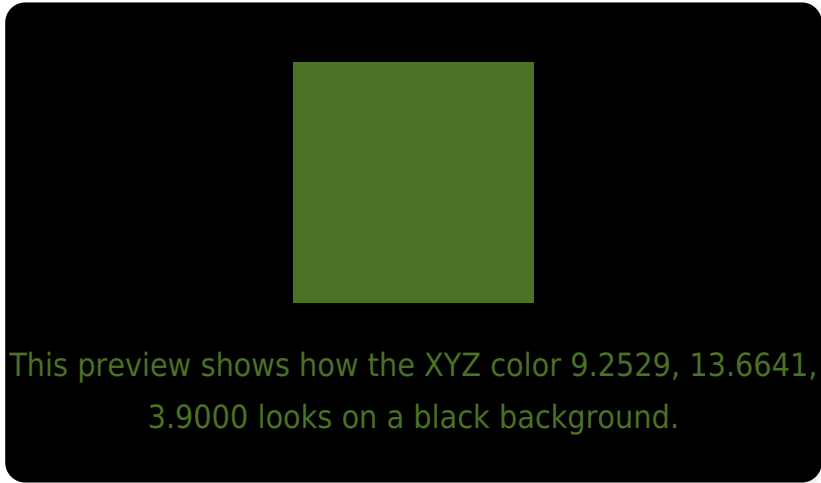
Large Text (above 18pt) WCAG AA ✓ Pass

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

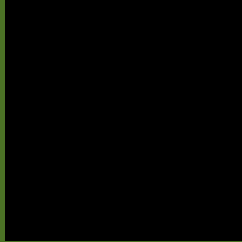
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 9.2529, 13.6641, 3.9000

Background



This preview shows how black text looks on a background with the XYZ color 9.2529, 13.6641, 3.9000.



This preview shows how white text looks on a background with the XYZ color 9.2529, 13.6641,

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

9.2529, 13.6641, 3.9000

Protanopia

12.2092, 13.4608, 3.4681

Deuteranopia

13.6877, 13.4917, 4.0732



Tritanopia

12.1900, 13.7316, 18.2276

Trichromacy



Original Color

9.2529, 13.6641, 3.9000

Protanomaly

10.8166, 13.3461, 3.5961

Deuteranomaly

11.6400, 13.3050, 3.9621

Tritanomaly

10.7759, 13.6338, 11.0805

Monochromacy



Original Color

9.2529, 13.6641, 3.9000

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

9.7868, 11.8146, 8.0680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.2529, 13.6641, 3.9000 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(75, 114, 37)` looks like.

```
.text, #text, p{  
    color:rgb(75, 114, 37)  
}
```

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(75, 114, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 114, 37) }
```

Border

The CSS property to change the border of an element to XYZ 9.2529, 13.6641, 3.9000 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(75, 114, 37) }
```


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

```
.border{ border-color:rgb(75, 114, 37) }
```

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

Here you see how a box with a 4 pixel rgb(75, 114, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 114, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 114, 37);  
box-shadow:4px 4px 4px 4px rgb(75, 114,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 9.2529, 13.6641, 3.9000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 114, 37) }
```

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

```
.background{ background-color: rgb(75, 114,  
37) }
```

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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