

Converting Colors

XYZ(9.4409, 14.3985, 5.7911)

Have a look what the booklet for
XYZ(9.4409, 14.3985, 5.7911)
contains.

XYZ(9.4590, 14.4165, 5.7741)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(9.4590, 14.4165,
5.7741)**

Conversions

Conversions Part 1

Format	Color
Hex	437636
RGB	67, 118, 54
RGB Percent	26%, 46%, 21%
CMY	0.7373, 0.5372, 0.7882
CMYK	0.43, 0.00, 0.54, 0.54
HSL	108°, 37%, 34%
HSV	108°, 54%, 46%
XYZ	9.4590, 14.4165, 5.7741
YIQ	95.4550, -9.8520, -30.7160

Conversions

Conversions Part 2

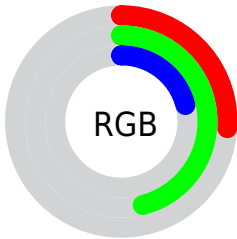
Format	Color
RYB	54, 118, 105
Decimal	4421174
CIELab	44.82, -30.47, 29.73
CIELCh	45, 42.569, 135.702
Yxy	14.4165, 0.3190, 0.4862
Android (android.graphics.Color)	4282611254 (0xFF437636)
YUV	95.4550, -20.4373, -24.9550
Hunter-Lab	37.9691, -21.9773, 17.5619

Details

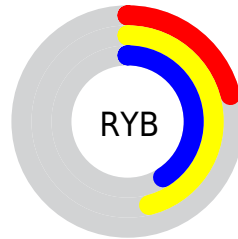
The XYZ color **9.4590, 14.4165, 5.7741** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.4156, 6.9500, 17.9329**, and the grayscale version is **11.0362, 11.6109, 12.6443**.

A 20% lighter version of the original color is **24.4324, 33.9367, 17.8331**, and **2.3476, 4.3649, 0.9198** is the 20% darker color. If you saturate the color by 10%, you get **8.6218, 14.0136, 4.4599**, and if you desaturate by 10%, it is **10.4689, 14.9016, 7.4482**.

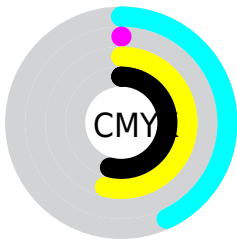
Distribution



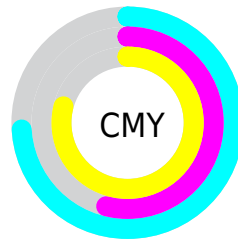
- Red (26%)
- Green (46%)
- Blue (21%)



- Red (21%)
- Yellow (46%)
- Blue (41%)



- Cyan (43%)
- Magenta (0%)
- Yellow (54%)
- Black (54%)



- Cyan (74%)
- Magenta (54%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.4590, 14.4165, 5.7741 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 9.4590, 14.4165, 5.7741 by changing the saturation by 10% instead.

■ 9.4590, 14.4165,
5.7741

■ 9.4590, 14.4165,
5.7741

180.9016,
219.8067, 166.2732

■ 5.1013, 8.4109,
2.6417

■ 24.4319, 33.8262,
17.9297

■ 2.3422, 4.3590,
0.9138

■ 35.7777, 47.9992,
27.7899

■ 0.8161, 1.8763,
0.0000

■ 50.1836, 65.6634,
40.7298

■ 0.0000, 0.5341,
0.0000

■ 68.0149, 87.2032,
57.1679

■ 0.0000, 0.0000,
0.0000

■ 89.6370, 113.0030,
77.5228

■ 115.4153,

143.4473, 102.2129

145.7150,
178.9204, 131.6569

■ 9.4590, 14.4165,
5.7741

■ 9.4590, 14.4165,
5.7741

■ 8.6218, 14.0136,
4.4599

■ 10.4689, 14.9016,
7.4482

■ 7.9463, 13.6863,
3.4782

■ 11.6597, 15.4711,
9.5048

■ 7.4216, 13.4304,
2.7995

■ 13.0401, 16.1297,
11.9660

■ 7.0336, 13.2392,
2.3800

■ 14.6181, 16.8810,
14.8519

■ 6.8546, 13.1512,
2.1772

■ 16.4013, 17.7284,
18.1811

■ 18.3967, 18.6752,
21.9712

■ 20.6110, 19.7246,
26.2388

■ 23.0507, 20.8795,
30.9999

■ 25.7220, 22.1427,
36.2695

Harmonies

Analogous

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



11.9743, 14.4165, 3.5494



9.4590, 14.4165, 5.7741



8.1989, 14.4165, 11.4337

Triad

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



9.4590, 14.4165, 5.7741



12.1193, 14.4165, 42.4618



21.1846, 14.4165, 11.0713

Complementary

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



9.4590, 14.4165, 5.7741



10.4156, 6.9500, 17.9329

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.



21.2413, 14.4165, 20.9070



9.4590, 14.4165, 5.7741



15.5894, 14.4165, 42.2269

Square

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



9.4590, 14.4165, 5.7741



9.5496, 14.4165, 33.7380



19.0562, 14.4165, 33.1893



18.9125, 14.4165, 5.6057

Rectangle

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



9.4590, 14.4165, 5.7741



8.0762, 14.4165, 17.6740



19.0562, 14.4165, 33.1893



21.4748, 14.4165, 13.8735

Sweetspot

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



9.4594, 14.4171, 5.7744



25.0725, 29.3814, 24.9517



13.1014, 14.0460, 5.5108



5.6620, 6.7065, 5.5484



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.



9.4594, 14.4171, 5.7744



14.8512, 24.4905, 7.3793



9.1742, 14.2114, 8.4136



3.7037, 4.1307, 3.9444



7.4062, 14.2224, 2.3549



35.5074, 69.0065, 11.4482

Inverse Universe

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



10.4156, 6.9500, 17.9329



16.6897, 9.8670, 31.1619



11.0847, 7.4078, 12.8690



3.7573, 3.7222, 4.6107



8.5253, 3.9863, 18.8627



40.8316, 19.0579, 91.8868

Previews

White Background



This preview shows how the XYZ color 9.4590, 14.4165, 5.7741 looks on a white background.

Color Contrast Check

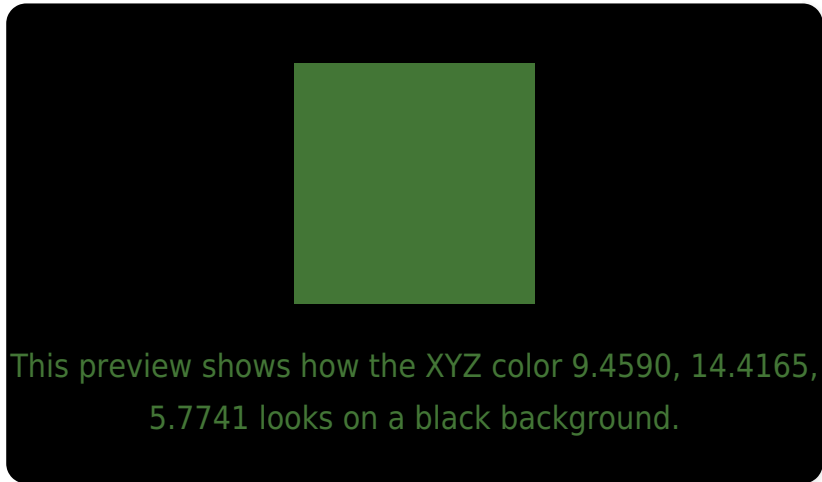
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.4590, 14.4165, 5.7741

Background



This preview shows how black text looks on a background with the XYZ color 9.4590, 14.4165, 5.7741.



This preview shows how white text looks on a background with the XYZ color 9.4590, 14.4165,

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

9.4590, 14.4165, 5.7741

Protanopia

13.0659, 14.3203, 5.0931

Deuteranopia

14.4964, 14.2903, 6.1319



Tritanopia

12.2991, 14.3872, 19.8981

Trichromacy



Original Color

9.4590, 14.4165, 5.7741

Protanomaly

11.3191, 14.0435, 5.2461

Deuteranomaly

11.9401, 13.8750, 5.9197

Tritanomaly

11.0303, 14.3750, 13.2596

Monochromacy



Original Color

9.4590, 14.4165, 5.7741

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.0445, 12.2110, 9.4170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.4590, 14.4165, 5.7741 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, 54)` looks like.

```
.text, #text, p{  
    color:rgb(67, 118, 54)  
}
```

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, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 118, 54) }
```

Border

The CSS property to change the border of an element to XYZ 9.4590, 14.4165, 5.7741 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, 54) }
```


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

```
.border{ border-color:rgb(67, 118, 54) }
```

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, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 118, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 118, 54);  
box-shadow:4px 4px 4px 4px rgb(67, 118,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 9.4590, 14.4165, 5.7741 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, 54) }
```

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

```
.background{ background-color: rgb(67, 118,  
54) }
```

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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