

Converting Colors

XYZ(9.5053, 14.1985, 8.7680)

Have a look what the booklet for
XYZ(9.5053, 14.1985, 8.7680)
contains.

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Color

**XYZ(9.5218, 14.2091,
8.7193)**

Conversions

Conversions Part 1

Format	Color
Hex	3D754A
RGB	61, 117, 74
RGB Percent	24%, 46%, 29%
CMY	0.7608, 0.5412, 0.7098
CMYK	0.48, 0.00, 0.37, 0.54
HSL	134°, 31%, 35%
HSV	134°, 48%, 46%
XYZ	9.5218, 14.2091, 8.7193
YIQ	95.3540, -19.5730, -25.2450

Conversions

Conversions Part 2

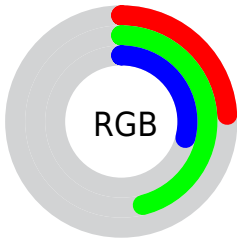
Format	Color
RYB	61, 106, 117
Decimal	4027722
CIELab	44.53, -28.69, 18.16
CIELCh	45, 33.956, 147.672
Yxy	14.2091, 0.2934, 0.4379
Android (android.graphics.Color)	4282217802 (0xFF3D754A)
YUV	95.3540, -10.5275, -30.1285
Hunter-Lab	37.6950, -20.8768, 12.6720

Details

The XYZ color **9.5218, 14.2091, 8.7193** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.5041, 8.1192, 14.0582**, and the grayscale version is **10.9904, 11.5628, 12.5918**.

A 20% lighter version of the original color is **24.6320, 33.6243, 23.9308**, and **2.3640, 4.2617, 1.8604** is the 20% darker color. If you saturate the color by 10%, you get **8.5974, 13.7655, 7.2075**, and if you desaturate by 10%, it is **10.6474, 14.7523, 10.4669**.

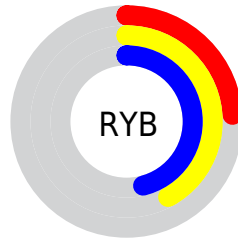
Distribution



Red (24%)

Green (46%)

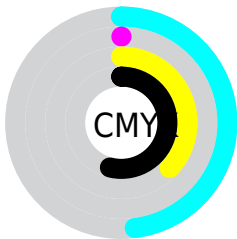
Blue (29%)



Red (24%)

Yellow (42%)

Blue (46%)

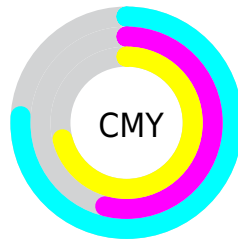


Cyan (48%)

Magenta (0%)

Yellow (37%)

Black (54%)



Cyan (76%)

Magenta (54%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.5218, 14.2091, 8.7193 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 9.5218, 14.2091, 8.7193 by changing the saturation by 10% instead.

■ 9.5218, 14.2091,
8.7193

■ 9.5218, 14.2091,
8.7193

181.3501,
218.5278, 191.4102

■ 5.1429, 8.2662,
4.4642

■ 24.5500, 33.4596,
23.9260

■ 2.3670, 4.2658,
1.8833

■ 35.9300, 47.5360,
35.7147

■ 0.8286, 1.8233,
0.4821

■ 50.3744, 65.0924,
50.8517

■ 0.0000, 0.5016,
0.0000

■ 68.2486, 86.5132,
69.7556

■ 0.0000, 0.0000,
0.0000

■ 89.9179, 112.1827,
92.8448

■ 115.7477,

142.4854, 120.5380

146.1033,
177.8056, 153.2536

■ 9.5218, 14.2091,
8.7193

■ 9.5218, 14.2091,
8.7193

■ 8.5974, 13.7655,
7.2075

■ 10.6474, 14.7523,
10.4669

■ 7.8609, 13.4135,
5.9203

■ 11.9842, 15.3987,
12.4588

■ 7.2991, 13.1471,
4.8474


■ 13.5428, 16.1541,
14.7043


■ 6.8967, 12.9585,
3.9769


■ 15.3329, 17.0233,
17.2118


■ 6.6156, 12.8284,
3.2950


■ 17.3635, 18.0107,
19.9895

 6.5613, 12.8030,
3.1721

 19.6431, 19.1207,
23.0450

 22.1799, 20.3571,
26.3860

 24.9816, 21.7239,
30.0194

 28.0556, 23.2247,
33.9523

Harmonies

Analogous

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



11.2016, 14.2091, 5.5809



9.5218, 14.2091, 8.7193



8.8922, 14.2091, 14.8659

Triad

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



9.5218, 14.2091, 8.7193



13.2922, 14.2091, 35.9965



18.7340, 14.2091, 9.4646

Complementary

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



9.5218, 14.2091, 8.7193



11.5041, 8.1192, 14.0582

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.



19.4886, 14.2091, 16.0929



9.5218, 14.2091, 8.7193



16.1050, 14.2091, 33.0688

Square

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



9.5218, 14.2091, 8.7193



10.8773, 14.2091, 32.0612



18.4688, 14.2091, 25.0334



16.5259, 14.2091, 5.8976

Rectangle

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



9.5218, 14.2091, 8.7193



9.0785, 14.2091, 20.5230



18.4688, 14.2091, 25.0334



19.1781, 14.2091, 11.3250

Sweetspot

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



9.5222, 14.2097, 8.7196



25.3247, 29.4475, 27.8481



13.0142, 16.0554, 6.8281



5.6993, 6.7106, 6.2290



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.



9.5222, 14.2097, 8.7196



15.3050, 24.6059, 12.7542



10.6417, 14.6575, 14.6150



3.6723, 4.1109, 4.1080



7.2233, 14.1033, 3.4662



34.9185, 68.6147, 15.4080

Inverse Universe

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



11.5041, 8.1192, 14.0582



19.2896, 12.3309, 23.4652



10.3401, 7.6536, 7.9291



3.7920, 3.7441, 4.4316



10.1026, 4.9747, 11.0143



48.8907, 24.1064, 51.8810

Previews

White Background



This preview shows how the XYZ color 9.5218, 14.2091, 8.7193 looks on a white background.

Color Contrast Check

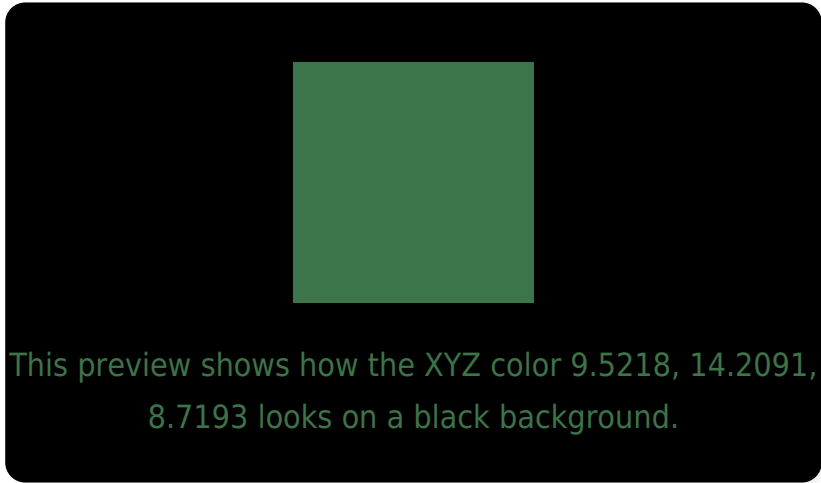
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.5218, 14.2091, 8.7193

Background



This preview shows how black text looks on a background with the XYZ color 9.5218, 14.2091, 8.7193.



This preview shows how white text looks on a background with the XYZ color 9.5218, 14.2091,

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

9.5218, 14.2091, 8.7193

Protanopia

13.0652, 14.1102, 7.6652

Deuteranopia

14.2445, 13.9495, 9.1495



Tritanopia

11.7471, 14.1027, 19.8722

Trichromacy



Original Color

9.5218, 14.2091, 8.7193

Protanomaly

11.3253, 13.8251, 8.0328

Deuteranomaly

11.8604, 13.6106, 9.0232

Tritanomaly

10.7372, 14.0185, 14.9719

Monochromacy



Original Color

9.5218, 14.2091, 8.7193

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.1378, 12.2276, 10.8427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5218, 14.2091, 8.7193 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(61, 117, 74)` looks like.

```
.text, #text, p{  
    color:rgb(61, 117, 74)  
}
```

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(61, 117, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 117, 74) }
```

Border

The CSS property to change the border of an element to XYZ 9.5218, 14.2091, 8.7193 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(61, 117, 74) }
```


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

```
.border{ border-color:rgb(61, 117, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 117, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 117, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 117, 74);  
box-shadow:4px 4px 4px 4px rgb(61, 117,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 9.5218, 14.2091, 8.7193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 117, 74) }
```

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

```
.background{ background-color: rgb(61, 117,  
74) }
```

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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