

Converting Colors

XYZ(14.5550, 24.2721, 10.3481)

Have a look what the booklet for
XYZ(14.5550, 24.2721, 10.3481)
contains.

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Color

**XYZ(14.5517, 24.2690,
10.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	3D994A
RGB	61, 153, 74
RGB Percent	24%, 60%, 29%
CMY	0.7608, 0.4000, 0.7098
CMYK	0.60, 0.00, 0.52, 0.40
HSL	128°, 43%, 42%
HSV	128°, 60%, 60%
XYZ	14.5517, 24.2690, 10.3960
YIQ	116.4860, -29.4730, -44.0730

Conversions

Conversions Part 2

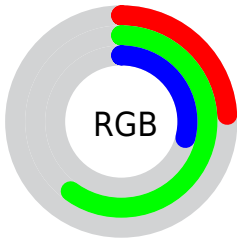
Format	Color
RYB	61, 142, 153
Decimal	4036938
CIELab	56.36, -44.40, 33.34
CIElCh	56, 55.523, 143.095
Yxy	24.2690, 0.2957, 0.4931
Android (android.graphics.Color)	4282227018 (0xFF3D994A)
YUV	116.4860, -20.9456, -48.6612
Hunter-Lab	49.2636, -33.4851, 21.9726

Details

The XYZ color **14.5517, 24.2690, 10.3960** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **19.5399, 12.0035, 26.0983**, and the grayscale version is **16.8192, 17.6951, 19.2700**.

A 20% lighter version of the original color is **33.5301, 50.3489, 27.0199**, and **4.8401, 9.3819, 2.5331** is the 20% darker color. If you saturate the color by 10%, you get **13.3436, 23.6928, 8.2656**, and if you desaturate by 10%, it is **16.1222, 25.0227, 13.0270**.

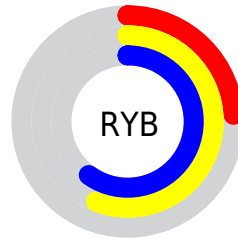
Distribution



Red (24%)

Green (60%)

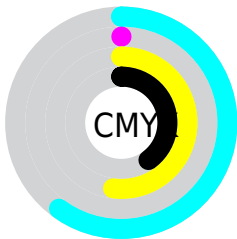
Blue (29%)



Red (24%)

Yellow (56%)

Blue (60%)

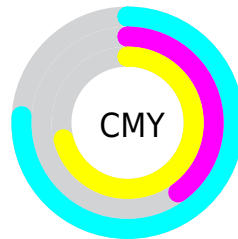


Cyan (60%)

Magenta (0%)

Yellow (52%)

Black (40%)



Cyan (76%)

Magenta (40%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5517, 24.2690, 10.3960 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 14.5517, 24.2690, 10.3960 by changing the saturation by 10% instead.

■ 14.5517, 24.2690,
10.3960

■ 14.5517, 24.2690,
10.3960

214.0791,
274.1776, 204.0619

■ 8.5896, 15.5333,
5.5533

■ 33.6429, 50.4688,
27.1571

■ 4.5294, 9.1945,
2.5110

■ 47.5028, 68.7017,
39.9125

■ 2.0058, 4.8683,
0.8460

■ 64.7260, 90.8691,
56.1426

■ 0.6372, 2.1702,
0.0000

■ 85.6779, 117.3554,
76.2659

■ 0.0000, 0.7037,
0.0000

■ 110.7238,
148.5450, 100.7010

■ 0.0000, 0.0000,
0.0000

140.2290,

184.8223, 129.8663

174.5590,
226.5718, 164.1804

■ 14.5517, 24.2690,
10.3960

■ 14.5517, 24.2690,
10.3960

■ 13.3436, 23.6928,
8.2656

■ 16.1222, 25.0227,
13.0270

■ 12.4667, 23.2767,
6.6026

■ 18.0793, 25.9638,
16.1859

■ 11.8876, 23.0048,
5.3721

■ 20.4473, 27.1048,
19.9000

■ 11.5329, 22.8400,
4.5408

■ 23.2480, 28.4564,
24.1940

■ 26.5016, 30.0287,
29.0914

■ 30.2269, 31.8308,
34.6143

■ 34.4419, 33.8715,
40.7836

■ 39.1634, 36.1591,
47.6194

■ 44.4076, 38.7015,
55.1407

Harmonies

Analogous

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



18.5642, 24.2690, 5.4438



14.5517, 24.2690, 10.3960



12.8710, 24.2690, 22.4059

Triad

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



14.5517, 24.2690, 10.3960



21.6173, 24.2690, 79.2061



36.3562, 24.2690, 14.8607

Complementary

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



14.5517, 24.2690, 10.3960



19.5399, 12.0035, 26.0983

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.



37.5859, 24.2690, 30.8977



14.5517, 24.2690, 10.3960



28.2446, 24.2690, 73.9793

Square

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



14.5517, 24.2690, 10.3960



16.4318, 24.2690, 65.8691



34.3869, 24.2690, 53.7782



31.2838, 24.2690, 7.0615

Rectangle

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



14.5517, 24.2690, 10.3960



13.0281, 24.2690, 35.2516



34.3869, 24.2690, 53.7782



37.2670, 24.2690, 19.2101

Sweetspot

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



14.5523, 24.2700, 10.3965



42.6073, 51.4308, 44.8044



23.1737, 28.7600, 8.7447



9.0840, 11.1999, 9.4015



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.5523, 24.2700, 10.3965



23.3162, 42.1536, 13.7324



16.6621, 25.1139, 21.5067



6.1660, 6.9391, 6.7974



9.5393, 18.8792, 3.7948



0.1506, 0.2854, 0.0989

Inverse Universe

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



19.5399, 12.0035, 26.0983



33.0284, 18.1680, 44.2344



16.8597, 10.9315, 11.9847



6.4237, 6.3086, 7.6111



14.2737, 6.9637, 18.4980



0.2224, 0.1077, 0.3241

Previews

White Background



This preview shows how the XYZ color 14.5517, 24.2690, 10.3960 looks on a white 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

Black Background



This preview shows how the XYZ color 14.5517, 24.2690, 10.3960 looks on a black 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

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

XYZ 14.5517, 24.2690, 10.3960

Background



This preview shows how black text looks on a background with the XYZ color 14.5517, 24.2690, 10.3960.



This preview shows how white text looks on a background with the XYZ color 14.5517, 24.2690,

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

14.5517, 24.2690, 10.3960

Protanopia

21.7812, 23.7634, 8.9077

Deuteranopia

24.2714, 23.8041, 10.9048



Tritanopia

19.4537, 24.1407, 35.0868

Trichromacy



Original Color

14.5517, 24.2690, 10.3960



Protanomaly

17.8328, 23.2050, 9.3335



Deuteranomaly

18.9250, 22.8770, 10.6260



Tritanomaly

17.0237, 23.8296, 23.4410

Monochromacy



Original Color

14.5517, 24.2690, 10.3960



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

15.0231, 19.1269, 15.2120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5517, 24.2690, 10.3960 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, 153, 74)` looks like.

```
.text, #text, p{  
    color:rgb(61, 153, 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, 153, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 153, 74) }
```

Border

The CSS property to change the border of an element to XYZ 14.5517, 24.2690, 10.3960 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, 153, 74) }
```


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

```
.border{ border-color:rgb(61, 153, 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, 153, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 153, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 153, 74);  
box-shadow:4px 4px 4px 4px rgb(61, 153,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5517, 24.2690, 10.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 153, 74) }
```

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

```
.background{ background-color: rgb(61, 153,  
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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