

Converting Colors

XYZ(14.8783, 24.3878, 7.4190)

Have a look what the booklet for
XYZ(14.8783, 24.3878, 7.4190)
contains.

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Color

**XYZ(14.9587, 24.5447,
7.4392)**

Conversions

Conversions Part 1

Format	Color
Hex	4B9936
RGB	75, 153, 54
RGB Percent	29%, 60%, 21%
CMY	0.7059, 0.4000, 0.7882
CMYK	0.51, 0.00, 0.65, 0.40
HSL	107°, 48%, 41%
HSV	107°, 65%, 60%
XYZ	14.9587, 24.5447, 7.4392
YIQ	118.3920, -14.7090, -47.3250

Conversions

Conversions Part 2

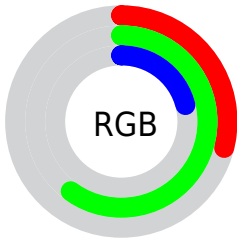
Format	Color
RYB	54, 153, 132
Decimal	4954422
CIELab	56.63, -43.10, 43.46
CIELCh	57, 61.210, 134.764
Yxy	24.5447, 0.3187, 0.5229
Android (android.graphics.Color)	4283144502 (0xFF4B9936)
YUV	118.3920, -31.7453, -38.0548
Hunter-Lab	49.5426, -32.8040, 25.7770

Details

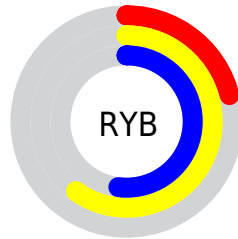
The XYZ color **14.9587, 24.5447, 7.4392** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **16.5861, 9.8447, 31.1645**, and the grayscale version is **17.4434, 18.3518, 19.9851**.

A 20% lighter version of the original color is **34.3116, 50.8775, 21.3765**, and **4.7413, 9.3525, 1.5553** is the 20% darker color. If you saturate the color by 10%, you get **13.7994, 23.9830, 5.7956**, and if you desaturate by 10%, it is **16.4110, 25.2459, 9.6877**.

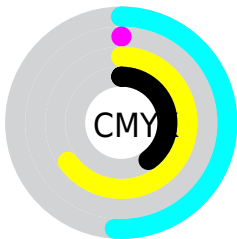
Distribution



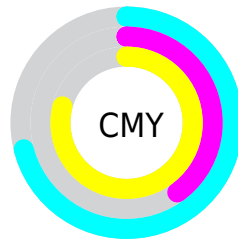
- Red (29%)
- Green (60%)
- Blue (21%)



- Red (21%)
- Yellow (60%)
- Blue (52%)



- Cyan (51%)
- Magenta (0%)
- Yellow (65%)
- Black (40%)



- Cyan (71%)
- Magenta (40%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9587, 24.5447, 7.4392 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 14.9587, 24.5447, 7.4392 by changing the saturation by 10% instead.

■ 14.9587, 24.5447,
7.4392

■ 14.9587, 24.5447,
7.4392

216.5094,
275.5629, 181.0319

■ 8.8765, 15.7382,
3.6557

■ 34.3530, 50.9176,
21.3792

■ 4.7172, 9.3391,
1.4384

■ 48.3958, 69.2528,
32.3727

■ 2.1153, 4.9630,
0.1714

■ 65.8228, 91.5330,
46.6067

■ 0.6975, 2.2256,
0.0000

■ 86.9995, 118.1426,
64.4997

■ 0.0000, 0.7339,
0.0000

■ 112.2911,
149.4660, 86.4701

■ 0.0000, 0.0000,
0.0000

■ 142.0631,

185.8876, 112.9366

176.6808,
227.7917, 144.3177

■ 14.9587, 24.5447,
7.4392

■ 14.9587, 24.5447,
7.4392

■ 13.7994, 23.9830,
5.7956

■ 16.4110, 25.2459,
9.6877

■ 12.9101, 23.5479,
4.6967

■ 18.1734, 26.0920,
12.5904

■ 12.2666, 23.2294,
4.0699

■ 20.2637, 27.0920,
16.1935

■ 12.0015, 23.0979,
3.8258

■ 22.6980, 28.2533,
20.5384

■ 25.4912, 29.5827,
25.6636

■ 28.6571, 31.0865,
31.6045

■ 32.2090, 32.7710,
38.3947

■ 36.1595, 34.6419,
46.0657

■ 40.5207, 36.7047,
54.6475

Harmonies

Analogous

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



20.0127, 24.5447, 3.9188



14.9587, 24.5447, 7.4392



12.4600, 24.5447, 17.6920

Triad

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



14.9587, 24.5447, 7.4392



19.9144, 24.5447, 85.1753



39.2209, 24.5447, 17.9304

Complementary

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



14.9587, 24.5447, 7.4392



16.5861, 9.8447, 31.1645

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.



39.1796, 24.5447, 38.4041



14.9587, 24.5447, 7.4392



26.9928, 24.5447, 85.3567

Square

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



14.9587, 24.5447, 7.4392



14.8994, 24.5447, 64.9115



34.3528, 24.5447, 65.3257



34.4563, 24.5447, 7.5371

Rectangle

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



14.9587, 24.5447, 7.4392



12.1766, 24.5447, 30.1134



34.3528, 24.5447, 65.3257



39.7957, 24.5447, 23.6008

Sweetspot

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



14.9593, 24.5457, 7.4397



43.2318, 51.8266, 41.4936



21.9942, 23.4206, 6.8518



9.2593, 11.3073, 8.6375



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.



14.9593, 24.5457, 7.4397



23.8838, 42.5446, 9.3122



14.4383, 24.1779, 11.8990



6.2486, 6.9856, 6.6249



9.9427, 19.1015, 3.1629



0.1746, 0.2989, 0.0485

Inverse Universe

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



16.5861, 9.8447, 31.1645



26.9141, 14.0089, 55.2574



18.1555, 10.8907, 20.5316



6.3330, 6.2575, 7.8030



11.2455, 5.2483, 25.3280



0.1968, 0.0932, 0.3800

Previews

White Background



This preview shows how the XYZ color 14.9587, 24.5447, 7.4392 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 14.9587, 24.5447, 7.4392 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 14.9587, 24.5447, 7.4392

Background



This preview shows how black text looks on a background with the XYZ color 14.9587, 24.5447, 7.4392.



This preview shows how white text looks on a background with the XYZ color 14.9587, 24.5447,

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

14.9587, 24.5447, 7.4392

Protanopia

21.9808, 24.1290, 6.4046

Deuteranopia

24.5250, 24.0016, 7.8976



Tritanopia

20.3549, 24.3912, 34.6455

Trichromacy



Original Color

14.9587, 24.5447, 7.4392

Protanomaly

18.4389, 23.7960, 6.7532

Deuteranomaly

19.5666, 23.2754, 7.5990

Tritanomaly

17.6342, 24.2017, 20.8815

Monochromacy



Original Color

14.9587, 24.5447, 7.4392

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

15.6613, 19.8836, 13.8390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9587, 24.5447, 7.4392 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, 153, 54)` looks like.

```
.text, #text, p{  
    color:rgb(75, 153, 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(75, 153, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 153, 54) }
```

Border

The CSS property to change the border of an element to XYZ 14.9587, 24.5447, 7.4392 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, 153, 54) }
```


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

```
.border{ border-color:rgb(75, 153, 54) }
```

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

Here you see how a box with a 4 pixel rgb(75, 153, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 153, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 153, 54);  
box-shadow:4px 4px 4px 4px rgb(75, 153,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9587, 24.5447, 7.4392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 153, 54) }
```

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

```
.background{ background-color: rgb(75, 153,  
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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