

Converting Colors

XYZ(14.4809, 22.0019, 3.4836)

Have a look what the booklet for
XYZ(14.4809, 22.0019, 3.4836)
contains.

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Color

**XYZ(14.5418, 22.0778,
3.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8F00
RGB	95, 143, 0
RGB Percent	37%, 56%, 0%
CMY	0.6275, 0.4392, 1.0000
CMYK	0.34, 0.00, 1.00, 0.44
HSL	80°, 100%, 28%
HSV	80°, 100%, 56%
XYZ	14.5418, 22.0778, 3.4950
YIQ	112.3460, 17.2950, -54.6490

Conversions

Conversions Part 2

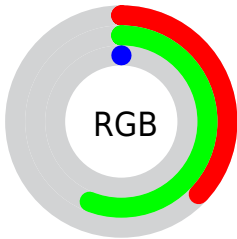
Format	Color
RYB	0, 143, 48
Decimal	6262528
CIELab	54.11, -34.77, 57.32
CIElCh	54, 67.041, 121.245
Yxy	22.0778, 0.3625, 0.5504
Android (android.graphics.Color)	4284452608 (0xFF5F8F00)
YUV	112.3460, -55.3866, -15.2124
Hunter-Lab	46.9870, -26.9841, 28.4808

Details

The XYZ color **14.5418, 22.0778, 3.4950** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.1778, 2.6122, 26.1664**, and the grayscale version is **15.6582, 16.4736, 17.9398**.

A 20% lighter version of the original color is **33.6181, 46.8462, 12.9006**, and **4.7416, 8.1257, 1.3185** is the 20% darker color. If you saturate the color by 10%, you get **14.5419, 22.0786, 3.4952**, and if you desaturate by 10%, it is **15.1378, 22.3764, 3.9478**.

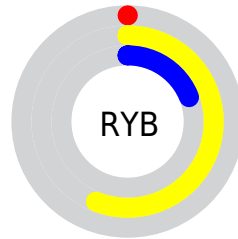
Distribution



Red (37%)

Green (56%)

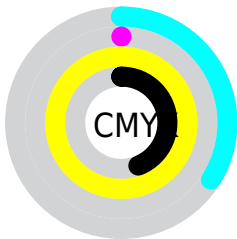
Blue (0%)



Red (0%)

Yellow (56%)

Blue (19%)

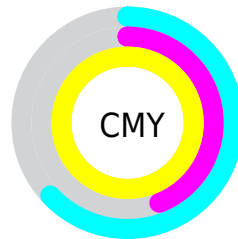


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (63%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5418, 22.0778, 3.4950 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 14.5418, 22.0778, 3.4950 by changing the saturation by 10% instead.

■ 14.5418, 22.0778,
3.4950

■ 14.5418, 22.0778,
3.4950

214.0197,
262.9523, 142.4351

■ 8.5827, 13.9141,
1.3526

■ 33.6256, 46.8746,
12.8272

■ 4.5249, 8.0609,
0.1043

■ 47.4810, 64.2764,
20.8542

■ 2.0032, 4.1340,
0.0000

■ 64.6992, 85.5263,
31.6797

■ 0.6357, 1.7488,
0.0000

■ 85.6456, 111.0089,
45.7223


■ 0.0000, 0.4549,
0.0000


■ 110.6855,
141.1083, 63.4007


■ 0.0000, 0.0000,
0.0000


■ 140.1842,


176.2091, 85.1332


 174.5071,
216.6956, 111.3385


 14.5418, 22.0778,
3.4950


 14.5418, 22.0778,
3.4950


 14.5419, 22.0786,
3.4952

 15.1378, 22.3764,
3.9478

 15.8189, 22.7118,
4.6874

 16.6136, 23.0964,
5.8594

 17.5326, 23.5344,
7.5172

 18.5850, 24.0296,
9.7064

■ 19.7790, 24.5852,
12.4675

■ 21.1220, 25.2044,
15.8369

■ 22.6208, 25.8898,
19.8481

■ 24.2817, 26.6441,
24.5322

Harmonies

Analogous

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



20.6823, 22.0778, 2.1257



14.5418, 22.0778, 3.4950



10.9675, 22.0778, 9.4749

Triad

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



14.5418, 22.0778, 3.4950



14.9573, 22.0778, 78.9166



38.2726, 22.0778, 23.1803

Complementary

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



14.5418, 22.0778, 3.4950



6.1778, 2.6122, 26.1664

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.



35.7636, 22.0778, 48.8703



14.5418, 22.0778, 3.4950



21.2892, 22.0778, 90.2974

Square

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



14.5418, 22.0778, 3.4950



11.1656, 22.0778, 51.3262



29.0940, 22.0778, 77.0123



35.3323, 22.0778, 8.6884

Rectangle

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



14.5418, 22.0778, 3.4950



9.9864, 22.0778, 18.4506



29.0940, 22.0778, 77.0123



38.0351, 22.0778, 30.6552

Sweetspot

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



14.5423, 22.0788, 3.4955



37.6619, 45.0604, 27.9391



12.3720, 7.9273, 0.8784



8.4224, 10.2347, 5.8600



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.5423, 22.0788, 3.4955



25.8535, 39.4408, 6.2502



10.1959, 19.8381, 3.2921



5.6661, 6.1960, 5.7867



12.8800, 19.5325, 3.0913



0.1466, 0.1989, 0.0307

Inverse Universe

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



6.1778, 2.6122, 26.1664



10.8964, 4.5916, 46.8500



12.5895, 5.9175, 26.4665



5.2896, 5.3375, 6.7802



5.4823, 2.3198, 23.1359



0.0741, 0.0333, 0.2222

Previews

White Background



This preview shows how the XYZ color 14.5418, 22.0778, 3.4950 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 14.5418, 22.0778, 3.4950 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 14.5418, 22.0778, 3.4950

Background



This preview shows how black text looks on a background with the XYZ color 14.5418, 22.0778, 3.4950.



This preview shows how white text looks on a background with the XYZ color 14.5418, 22.0778,

3.4950.

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

14.5418, 22.0778, 3.4950

Protanopia

19.7043, 21.8115, 3.1715

Deuteranopia

22.0694, 21.6843, 4.1209



Tritanopia

19.8520, 22.1037, 29.6057

Trichromacy



Original Color

14.5418, 22.0778, 3.4950

Protanomaly

17.2775, 21.5622, 3.2513

Deuteranomaly

18.5730, 21.4122, 3.7263

Tritanomaly

16.7031, 21.6673, 13.4271

Monochromacy



Original Color

14.5418, 22.0778, 3.4950

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.1641, 17.6850, 8.6283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5418, 22.0778, 3.4950 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(95, 143, 0)` looks like.

```
.text, #text, p{  
    color:rgb(95, 143, 0)  
}
```

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(95, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 143, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.5418, 22.0778, 3.4950 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(95, 143, 0) }
```


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

```
.border{ border-color:rgb(95, 143, 0) }
```

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

Here you see how a box with a 4 pixel rgb(95, 143, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(95, 143, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.5418, 22.0778, 3.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 143, 0) }
```

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

```
.background{ background-color: rgb(95, 143,  
0) }
```

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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