

Converting Colors

XYZ(14.0766, 22.1452, 10.0358)

Have a look what the booklet for
XYZ(14.0766, 22.1452, 10.0358)
contains.

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Color

**XYZ(14.1091, 22.1617,
10.0126)**

Conversions

Conversions Part 1	
Format	Color
Hex	49914A
RGB	73, 145, 74
RGB Percent	29%, 57%, 29%
CMY	0.7137, 0.4314, 0.7098
CMYK	0.50, 0.00, 0.49, 0.43
HSL	121°, 33%, 43%
HSV	121°, 50%, 57%
XYZ	14.1091, 22.1617, 10.0126
YIQ	115.3780, -20.1210, -37.3450

Conversions

Conversions Part 2

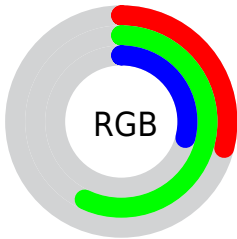
Format	Color
RYB	73, 144, 145
Decimal	4821322
CIELab	54.20, -37.84, 30.76
CIELCh	54, 48.761, 140.891
Yxy	22.1617, 0.3048, 0.4788
Android (android.graphics.Color)	4283011402 (0xFF49914A)
YUV	115.3780, -20.3994, -37.1655
Hunter-Lab	47.0762, -28.8856, 20.3430

Details


The XYZ color **14.1091, 22.1617, 10.0126** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **19.0943, 12.7988, 27.8502**, and the grayscale version is **16.4755, 17.3336, 18.8762**.

A 20% lighter version of the original color is **33.0448, 47.2758, 26.4523**, and **4.3665, 8.1701, 2.3838** is the 20% darker color. If you saturate the color by 10%, you get **12.7078, 21.4894, 7.7121**, and if you desaturate by 10%, it is **15.8772, 23.0117, 12.9028**.

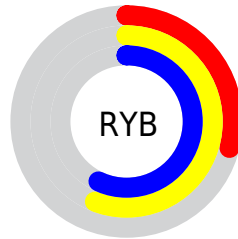
Distribution



 Red (29%)

 Green (57%)

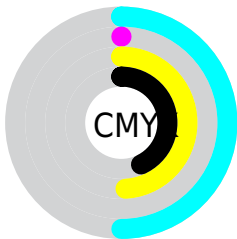
 Blue (29%)




 Red (29%)

 Yellow (56%)

 Blue (57%)

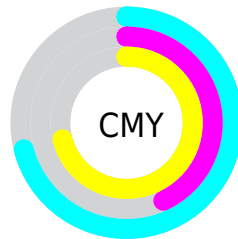


 Cyan (50%)


 Magenta (0%)

 Yellow (49%)

 Black (43%)



 Cyan (71%)


 Magenta (43%)


 Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1091, 22.1617, 10.0126 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 14.1091, 22.1617, 10.0126 by changing the saturation by 10% instead.


 14.1091, 22.1617,
10.0126


 14.1091, 22.1617,
10.0126


211.4055,
263.3895, 201.2501


 8.2788, 13.9758,
5.3016


 32.8671, 47.0131,
26.4274


 4.3272, 8.1038,
2.3635


 46.5256, 64.4474,
38.9682

 1.8888, 4.1614,
0.7665


 63.5241, 85.7332,
54.9561

 0.5703, 1.7643,
0.0000

 84.2281, 111.2550,
74.8096

 0.0000, 0.4648,
0.0000


 109.0029,
141.3971, 98.9472


 0.0000, 0.0000,
0.0000


138.2138,


176.5440, 127.7874


172.2262,
217.0800, 161.7489


 14.1091, 22.1617,
10.0126


 14.1091, 22.1617,
10.0126


 12.7078, 21.4894,
7.7121

 15.8772, 23.0117,
12.9028


 11.6460, 20.9798,
5.9594


 18.0336, 24.0478,
16.4180


 10.8955, 20.6197,
4.7094


 20.6000, 25.2811,
20.5922


 10.4225, 20.3931,
3.9094


 23.5963, 26.7212,
25.4567


 10.1458, 20.2604,
3.4480


 27.0407, 28.3768,
31.0407

 10.1369, 20.2561,
3.4335

 30.9507, 30.2564,
37.3720

 35.3426, 32.3678,
44.4765

 40.2322, 34.7186,
52.3791

 45.6343, 37.3160,
61.1036

Harmonies

Analogous

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



17.6374, 22.1617, 5.8519



14.1091, 22.1617, 10.0126



12.5241, 22.1617, 19.8014

Triad

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



14.1091, 22.1617, 10.0126



19.4926, 22.1617, 65.9014



32.0823, 22.1617, 15.1530

Complementary

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



14.1091, 22.1617, 10.0126



19.0943, 12.7988, 27.8502

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.



32.8039, 22.1617, 29.0482



14.1091, 22.1617, 10.0126



24.9080, 22.1617, 62.9201

Square

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



14.1091, 22.1617, 10.0126



15.2712, 22.1617, 54.5722



29.9951, 22.1617, 47.5986



28.1628, 22.1617, 7.8374

Rectangle

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



14.1091, 22.1617, 10.0126



12.5630, 22.1617, 30.0709



29.9951, 22.1617, 47.5986



32.7300, 22.1617, 19.0287

Sweetspot

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



14.1096, 22.1626, 10.0131



39.1238, 46.3464, 40.5043



23.0060, 26.7528, 10.2547



8.4851, 10.2053, 8.6560



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.



14.1096, 22.1626, 10.0131



22.4140, 38.3181, 13.2461



15.6340, 22.7724, 18.0400



5.3457, 6.0305, 5.7865



8.6952, 17.3740, 2.9492



0.0836, 0.1663, 0.0307

Inverse Universe

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



19.0943, 12.7988, 27.8502



32.4437, 19.4712, 49.1324



16.8206, 11.8893, 15.8768



5.6231, 5.5098, 6.7791



14.2682, 6.8643, 22.8612



0.1371, 0.0659, 0.2221

Previews

White Background



This preview shows how the XYZ color 14.1091, 22.1617, 10.0126 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 14.1091, 22.1617, 10.0126 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 14.1091, 22.1617, 10.0126

Background



This preview shows how black text looks on a background with the XYZ color 14.1091, 22.1617, 10.0126.



This preview shows how white text looks on a background with the XYZ color 14.1091, 22.1617,

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

14.1091, 22.1617, 10.0126

Protanopia

20.0490, 21.8687, 8.6332

Deuteranopia

22.2045, 21.7984, 10.4343



Tritanopia

18.4108, 22.1533, 31.3226

Trichromacy



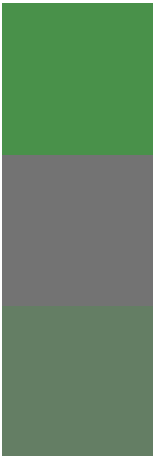
Original Color
14.1091, 22.1617, 10.0126

Protanomaly
17.1056, 21.5521, 9.0528

Deuteranomaly
18.0600, 21.2040, 10.1621

Tritanomaly
16.3966, 21.9756, 21.4667

Monochromacy



Original Color
14.1091, 22.1617, 10.0126

Achromatopsia
16.2955, 17.1441, 18.6699

Achromatomaly
15.0166, 18.5511, 14.8459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1091, 22.1617, 10.0126 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(73, 145, 74)` looks like.

```
.text, #text, p{  
    color:rgb(73, 145, 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(73, 145, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 145, 74) }
```

Border

The CSS property to change the border of an element to XYZ 14.1091, 22.1617, 10.0126 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(73, 145, 74) }
```


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

```
.border{ border-color:rgb(73, 145, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 145, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 145, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 145, 74);  
box-shadow:4px 4px 4px 4px rgb(73, 145,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1091, 22.1617, 10.0126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 145, 74) }
```

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

```
.background{ background-color: rgb(73, 145,  
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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