

Converting Colors

XYZ(14.9712, 22.2417, 14.0947)

Have a look what the booklet for
XYZ(14.9712, 22.2417, 14.0947)
contains.

XYZ(14.9741, 22.2912, 14.1031)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.9741, 22.2912,
14.1031)**

Conversions

Conversions Part 1

Format	Color
Hex	4C905E
RGB	76, 144, 94
RGB Percent	30%, 56%, 37%
CMY	0.7020, 0.4353, 0.6314
CMYK	0.47, 0.00, 0.35, 0.44
HSL	136°, 31%, 43%
HSV	136°, 47%, 56%
XYZ	14.9741, 22.2912, 14.1031
YIQ	117.9680, -24.4780, -29.9660

Conversions

Conversions Part 2

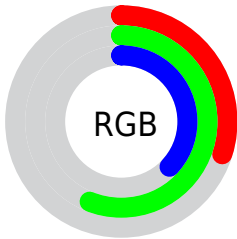
Format	Color
RYB	76, 130, 144
Decimal	5017694
CIELab	54.33, -33.12, 20.07
CIElCh	54, 38.729, 148.780
Yxy	22.2912, 0.2915, 0.4339
Android (android.graphics.Color)	4283207774 (0xFF4C905E)
YUV	117.9680, -11.8162, -36.8059
Hunter-Lab	47.2136, -26.0112, 15.3391

Details

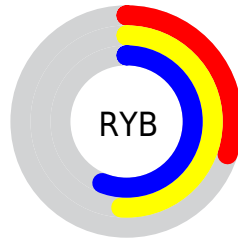
The XYZ color **14.9741, 22.2912, 14.1031** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.8526, 12.6049, 21.2313**, and the grayscale version is **17.2516, 18.1500, 19.7654**.

A 20% lighter version of the original color is **34.3582, 47.0996, 34.0683**, and **4.7367, 8.1934, 4.0212** is the 20% darker color. If you saturate the color by 10%, you get **13.5127, 21.5896, 11.7225**, and if you desaturate by 10%, it is **16.7580, 23.1527, 16.8400**.

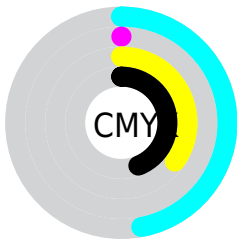
Distribution



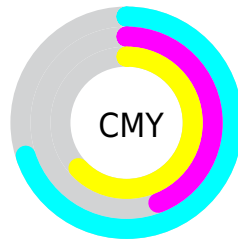
- Red (30%)
- Green (56%)
- Blue (37%)



- Red (30%)
- Yellow (51%)
- Blue (56%)



- Cyan (47%)
- Magenta (0%)
- Yellow (35%)
- Black (44%)



- Cyan (70%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9741, 22.2912, 14.1031 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 14.9741, 22.2912, 14.1031 by changing the saturation by 10% instead.

■ 14.9741, 22.2912,
14.1031

■ 14.9741, 22.2912,
14.1031

216.6009,
264.0632, 229.3220

■ 8.8874, 14.0710,
8.0528

■ 34.3798, 47.2268,
33.9916

■ 4.7243, 8.1701,
4.0405

■ 48.4295, 64.7111,
48.6669

■ 2.1195, 4.2040,
1.6476

■ 65.8642, 86.0521,
67.0544

■ 0.6998, 1.7883,
0.3244

■ 87.0493, 111.6343,
89.5724

■ 0.0000, 0.4799,
0.0000

■ 112.3502,
141.8422, 116.6397

■ 0.0000, 0.0000,
0.0000

142.1322,

177.0600, 148.6747

176.7606,
217.6722, 186.0959

■ 14.9741, 22.2912,
14.1031

■ 14.9741, 22.2912,
14.1031

■ 13.5127, 21.5896,
11.7225

■ 16.7580, 23.1527,
16.8400

■ 12.3520, 21.0352,
9.6821

■ 18.8808, 24.1806,
19.9457

■ 11.4705, 20.6179,
7.9666


■ 21.3599, 25.3840,
23.4336


■ 10.8426, 20.3247,
6.5590


■ 24.2110, 26.7708,
27.3162


■ 10.4251, 20.1338,
5.4401


■ 27.4488, 28.3483,
31.6055

 10.3255, 20.0881,
5.1771

 31.0871, 30.1235,
36.3127

 35.1392, 32.1030,
41.4488

 39.6178, 34.2930,
47.0244

 44.5348, 36.6995,
53.0495

Harmonies

Analogous

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



17.5133, 22.2912, 9.0622



14.9741, 22.2912, 14.1031



14.0618, 22.2912, 23.7797

Triad

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



14.9741, 22.2912, 14.1031



21.0147, 22.2912, 55.7345



29.1306, 22.2912, 14.7086

Complementary

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



14.9741, 22.2912, 14.1031



17.8526, 12.6049, 21.2313

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.



30.3861, 22.2912, 24.7697



14.9741, 22.2912, 14.1031



25.3418, 22.2912, 50.8912

Square

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



14.9741, 22.2912, 14.1031



17.2509, 22.2912, 50.0846



28.9174, 22.2912, 38.4301



25.6807, 22.2912, 9.3213

Rectangle

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



14.9741, 22.2912, 14.1031



14.3918, 22.2912, 32.5541



28.9174, 22.2912, 38.4301



29.8420, 22.2912, 17.5281

Sweetspot

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



14.9747, 22.2921, 14.1036



39.0794, 45.4534, 43.2669



20.0310, 24.9814, 10.6037



8.7455, 10.3183, 9.6248



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.



14.9747, 22.2921, 14.1036



23.6164, 37.9740, 20.3093



16.7851, 23.0163, 23.6374



5.3979, 6.0514, 6.0610



8.9999, 17.4958, 4.5539



0.0941, 0.1705, 0.0861

Inverse Universe

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



17.8526, 12.6049, 21.2313



29.3350, 18.6725, 34.4339



16.0624, 11.8888, 11.8043



5.5661, 5.4870, 6.4793



12.2859, 6.0714, 12.4227



0.1266, 0.0617, 0.1668

Previews

White Background



This preview shows how the XYZ color 14.9741, 22.2912, 14.1031 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 14.9741, 22.2912, 14.1031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

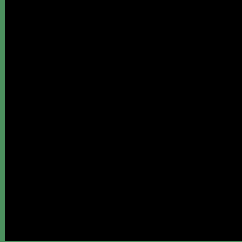
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.9741, 22.2912, 14.1031

Background



This preview shows how black text looks on a background with the XYZ color 14.9741, 22.2912, 14.1031.



This preview shows how white text looks on a background with the XYZ color 14.9741, 22.2912,

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

14.9741, 22.2912, 14.1031

Protanopia

20.4269, 21.9805, 12.3986

Deuteranopia

22.3612, 21.9725, 14.6178



Tritanopia

18.4108, 22.1533, 31.3226

Trichromacy



Original Color

14.9741, 22.2912, 14.1031

Protanomaly

17.7067, 21.5703, 12.9031

Deuteranomaly

18.5861, 21.3808, 14.4566

Tritanomaly

16.9305, 22.1995, 23.8147

Monochromacy



Original Color

14.9741, 22.2912, 14.1031

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

15.9432, 19.1664, 17.3272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9741, 22.2912, 14.1031 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(76, 144, 94)` looks like.

```
.text, #text, p{  
    color:rgb(76, 144, 94)  
}
```

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(76, 144, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 144, 94) }
```

Border

The CSS property to change the border of an element to XYZ 14.9741, 22.2912, 14.1031 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(76, 144, 94) }
```


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

```
.border{ border-color:rgb(76, 144, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 144, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 144, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 144, 94);  
box-shadow:4px 4px 4px 4px rgb(76, 144,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9741, 22.2912, 14.1031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 144, 94) }
```

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

```
.background{ background-color: rgb(76, 144,  
94) }
```

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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