

Converting Colors

XYZ(14.9291, 22.6245, 10.4312)

Have a look what the booklet for
XYZ(14.9291, 22.6245, 10.4312)
contains.

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Color

**XYZ(14.9096, 22.5664,
10.4074)**

Conversions

Conversions Part 1

Format	Color
Hex	52914C
RGB	82, 145, 76
RGB Percent	32%, 57%, 30%
CMY	0.6784, 0.4314, 0.7020
CMYK	0.43, 0.00, 0.48, 0.43
HSL	115°, 31%, 43%
HSV	115°, 48%, 57%
XYZ	14.9096, 22.5664, 10.4074
YIQ	118.2970, -15.3990, -34.8150

Conversions

Conversions Part 2

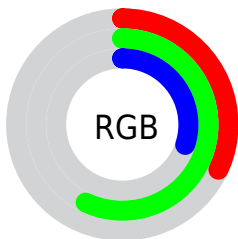
Format	Color
RYB	76, 145, 139
Decimal	5411148
CIELab	54.62, -34.75, 30.32
CIELCh	55, 46.118, 138.897
Yxy	22.5664, 0.3114, 0.4713
Android (android.graphics.Color)	4283601228 (0xFF52914C)
YUV	118.2970, -20.8524, -31.8325
Hunter-Lab	47.5041, -27.1083, 20.2634

Details

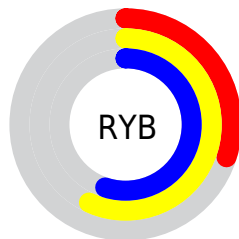
The XYZ color **14.9096, 22.5664, 10.4074** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.3437, 12.7028, 28.2742**, and the grayscale version is **17.3804, 18.2855, 19.9130**.

A 20% lighter version of the original color is **34.1810, 47.5041, 27.1063**, and **4.7034, 8.3410, 2.5245** is the 20% darker color. If you saturate the color by 10%, you get **13.4191, 21.8505, 7.9964**, and if you desaturate by 10%, it is **16.7371, 23.4442, 13.4283**.

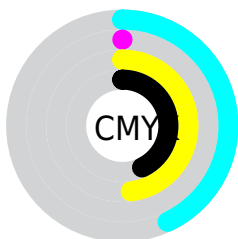
Distribution



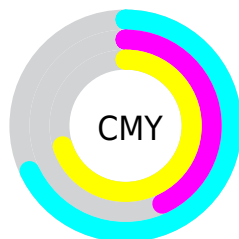
- Red (32%)
- Green (57%)
- Blue (30%)



- Red (30%)
- Yellow (57%)
- Blue (55%)



- Cyan (43%)
- Magenta (0%)
- Yellow (48%)
- Black (43%)



- Cyan (68%)
- Magenta (43%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9096, 22.5664, 10.4074 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 14.9096, 22.5664, 10.4074 by changing the saturation by 10% instead.

■ 14.9096, 22.5664,
10.4074

■ 14.9096, 22.5664,
10.4074

216.2176,
265.4900, 204.1449

■ 8.8419, 14.2737,
5.5608

■ 34.2675, 47.6804,
27.1787

■ 4.6945, 8.3113,
2.5155

■ 48.2883, 65.2704,
39.9405

■ 2.1020, 4.2948,
0.8483

■ 65.6909, 86.7283,
56.1777

■ 0.6903, 1.8398,
0.0000

■ 86.8406, 112.4385,
76.3090

■ 0.0000, 0.5118,
0.0000

■ 112.1028,
142.7854, 100.7528

■ 0.0000, 0.0000,
0.0000

141.8428,

178.1533, 129.9277

176.4260,
218.9268, 164.2522

■ 14.9096, 22.5664,
10.4074

■ 14.9096, 22.5664,
10.4074

■ 13.4191, 21.8505,
7.9964

■ 16.7371, 23.4442,
13.4283

■ 12.2432, 21.2839,
6.1524

■ 18.9187, 24.4899,
17.0952

■ 11.3598, 20.8569,
4.8295


■ 21.4723, 25.7128,
21.4428


■ 10.7429, 20.5571,
3.9740


■ 24.4142, 27.1205,
26.5033


■ 10.3553, 20.3677,
3.4861

■ 27.7598, 28.7202,
32.3067

 10.2861, 20.3342,
3.3828

 31.5235, 30.5188,
38.8812

 35.7190, 32.5228,
46.2537

 40.3594, 34.7385,
54.4495

 45.4574, 37.1717,
63.4932

Harmonies

Analogous

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



18.4439, 22.5664, 6.4914



14.9096, 22.5664, 10.4074



13.2343, 22.5664, 19.5770

Triad

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



14.9096, 22.5664, 10.4074



19.6256, 22.5664, 63.4112



32.0570, 22.5664, 16.5928

Complementary

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



14.9096, 22.5664, 10.4074



18.3437, 12.7028, 28.2742

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.



32.5074, 22.5664, 30.3493



14.9096, 22.5664, 10.4074



24.7633, 22.5664, 61.5813

Square

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



14.9096, 22.5664, 10.4074



15.6570, 22.5664, 52.1841



29.6650, 22.5664, 47.8751



28.5171, 22.5664, 8.9662

Rectangle

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



14.9096, 22.5664, 10.4074



13.1871, 22.5664, 29.1466



29.6650, 22.5664, 47.8751



32.5935, 22.5664, 20.5012

Sweetspot

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



14.9102, 22.5674, 10.4079



40.1094, 46.8392, 41.2409



22.0853, 24.7483, 10.4507



8.7036, 10.3150, 8.7985



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.



14.9102, 22.5674, 10.4079



23.8882, 39.0609, 14.0928



15.5850, 22.7796, 16.5665



5.3837, 6.0504, 5.7735



8.8331, 17.4462, 2.9019



0.0914, 0.1704, 0.0281

Inverse Universe

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



18.3437, 12.7028, 28.2742



30.7767, 19.1922, 50.0559



17.4967, 12.4830, 18.4412



5.5807, 5.4875, 6.7938



12.6094, 5.9940, 23.4694



0.1293, 0.0618, 0.2248

Previews

White Background



This preview shows how the XYZ color 14.9096, 22.5664, 10.4074 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 14.9096, 22.5664, 10.4074 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 14.9096, 22.5664, 10.4074

Background



This preview shows how black text looks on a background with the XYZ color 14.9096, 22.5664, 10.4074.



This preview shows how white text looks on a background with the XYZ color 14.9096, 22.5664,

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

14.9096, 22.5664, 10.4074

Protanopia

20.4477, 22.2598, 9.1801

Deuteranopia

22.5975, 22.1775, 10.8742



Tritanopia

19.1148, 22.5162, 31.3556

Trichromacy



Original Color

14.9096, 22.5664, 10.4074

Protanomaly

17.7517, 21.8739, 9.5898

Deuteranomaly

18.8685, 21.8129, 10.6130

Tritanomaly

17.2053, 22.3855, 21.8264

Monochromacy



Original Color

14.9096, 22.5664, 10.4074

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

15.9931, 19.4209, 15.7376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9096, 22.5664, 10.4074 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(82, 145, 76)` looks like.

```
.text, #text, p{  
    color:rgb(82, 145, 76)  
}
```

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(82, 145, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 145, 76) }
```

Border

The CSS property to change the border of an element to XYZ 14.9096, 22.5664, 10.4074 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(82, 145, 76) }
```


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

```
.border{ border-color:rgb(82, 145, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 145, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 145, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 145, 76);  
box-shadow:4px 4px 4px 4px rgb(82, 145,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9096, 22.5664, 10.4074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 145, 76) }
```

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

```
.background{ background-color: rgb(82, 145,  
76) }
```

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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