

Converting Colors

XYZ(14.8048, 22.2352, 14.2412)

Have a look what the booklet for
XYZ(14.8048, 22.2352, 14.2412)
contains.

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Color

**XYZ(14.7865, 22.1892,
14.3301)**

Conversions

Conversions Part 1

Format	Color
Hex	49905F
RGB	73, 144, 95
RGB Percent	29%, 56%, 37%
CMY	0.7137, 0.4353, 0.6274
CMYK	0.49, 0.00, 0.34, 0.44
HSL	139°, 33%, 43%
HSV	139°, 49%, 56%
XYZ	14.7865, 22.1892, 14.3301
YIQ	117.1850, -26.5870, -30.2910

Conversions

Conversions Part 2

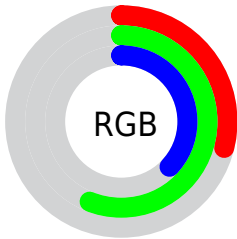
Format	Color
R_{YB}	73, 127, 144
Decimal	4821087
CIE _{Lab}	54.23, -33.79, 19.35
CIE _{LCh}	54, 38.938, 150.204
Yxy	22.1892, 0.2882, 0.4325
Android (android.graphics.Color)	428301167 (0xFF49905F)
YUV	117.1850, -10.9372, -38.7502
Hunter-Lab	47.1054, -26.4029, 14.9370

Details

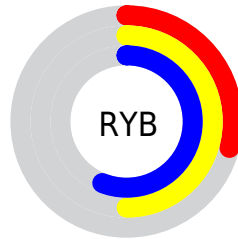
The XYZ color **14.7865, 22.1892, 14.3301** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.3977, 12.1001, 19.8319**, and the grayscale version is **17.0052, 17.8908, 19.4830**.

A 20% lighter version of the original color is **33.9866, 46.8991, 34.4553**, and **4.6449, 8.1437, 4.1234** is the 20% darker color. If you saturate the color by 10%, you get **13.3960, 21.5219, 12.0556**, and if you desaturate by 10%, it is **16.4885, 23.0117, 16.9211**.

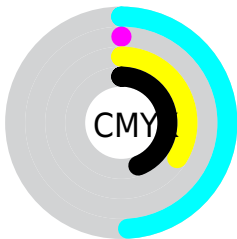
Distribution



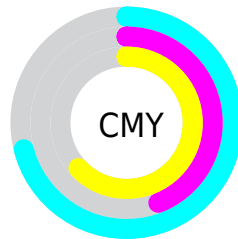
- Red (29%)
- Green (56%)
- Blue (37%)



- Red (29%)
- Yellow (50%)
- Blue (56%)



- Cyan (49%)
- Magenta (0%)
- Yellow (34%)
- Black (44%)



- Cyan (71%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7865, 22.1892, 14.3301 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 14.7865, 22.1892, 14.3301 by changing the saturation by 10% instead.

■ 14.7865, 22.1892,
14.3301

■ 14.7865, 22.1892,
14.3301

215.4844,
263.5327, 230.7742

■ 8.7550, 13.9960,
8.2092

■ 34.0529, 47.0585,
34.3991

■ 4.6376, 8.1179,
4.1394

■ 48.0186, 64.5034,
49.1844

■ 2.0688, 4.1705,
1.7022

■ 65.3597, 85.8009,
67.6948

■ 0.6722, 1.7694,
0.3622

■ 86.4416, 111.3356,
90.3490

■ 0.0000, 0.4680,
0.0000

■ 111.6297,
141.4917, 117.5656

■ 0.0000, 0.0000,
0.0000

141.2893,

176.6536, 149.7629

175.7857,
217.2059, 187.3596

■ 14.7865, 22.1892,
14.3301

■ 14.7865, 22.1892,
14.3301

■ 13.3960, 21.5219,
12.0556

■ 16.4885, 23.0117,
16.9211

■ 12.2953, 20.9970,
10.0838

■ 18.5183, 23.9956,
19.8385

■ 11.4628, 20.6042,
8.4023


■ 20.8930, 25.1502,
23.0939


■ 10.8728, 20.3305,
6.9968


■ 23.6282, 26.4833,
26.6977


■ 10.4658, 20.1456,
5.8509


■ 26.7384, 28.0022,
30.6598

 10.4400, 20.1339,
5.7804

 30.2373, 29.7137,
34.9899

 34.1379, 31.6244,
39.6972

 38.4526, 33.7404,
44.7904

 43.1932, 36.0678,
50.2783

Harmonies

Analogous

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



17.2550, 22.1892, 9.0959



14.7865, 22.1892, 14.3301



13.9535, 22.1892, 24.2432

Triad

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



14.7865, 22.1892, 14.3301



21.1191, 22.1892, 55.7677



28.9349, 22.1892, 14.2290

Complementary

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



14.7865, 22.1892, 14.3301



17.3977, 12.1001, 19.8319

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.



30.3206, 22.1892, 24.0775



14.7865, 22.1892, 14.3301



25.4552, 22.1892, 50.4218

Square

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



14.7865, 22.1892, 14.3301



17.2989, 22.1892, 50.5572



28.9706, 22.1892, 37.6922



25.3984, 22.1892, 9.0528

Rectangle

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



14.7865, 22.1892, 14.3301



14.3372, 22.1892, 33.1372



28.9706, 22.1892, 37.6922



29.6872, 22.1892, 16.9714

Sweetspot

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



14.7871, 22.1901, 14.3306



38.6998, 45.2588, 43.1969



19.3022, 24.6174, 10.0379



8.6712, 10.2797, 9.6359



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.



14.7871, 22.1901, 14.3306



23.4303, 37.8642, 20.9262



16.7375, 22.9703, 24.6012



5.4074, 6.0552, 6.1113



9.1006, 17.5361, 5.0841



0.0960, 0.1713, 0.0961

Inverse Universe

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



17.3977, 12.1001, 19.8319



28.5701, 17.9421, 31.7144



15.6133, 11.3863, 10.4350



5.5561, 5.4830, 6.4263



12.0037, 5.9585, 10.9370



0.1247, 0.0609, 0.1568

Previews

White Background



This preview shows how the XYZ color 14.7865, 22.1892, 14.3301 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 14.7865, 22.1892, 14.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

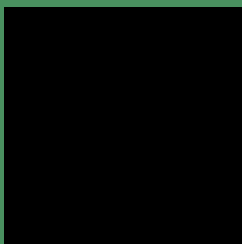
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.7865, 22.1892, 14.3301

Background



This preview shows how black text looks on a background with the XYZ color 14.7865, 22.1892, 14.3301.



This preview shows how white text looks on a background with the XYZ color 14.7865, 22.1892,

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

14.7865, 22.1892, 14.3301

Protanopia

20.3009, 21.9108, 12.6104

Deuteranopia

22.2704, 21.9147, 15.1128



Tritanopia

18.1287, 22.0079, 31.3094

Trichromacy



Original Color

14.7865, 22.1892, 14.3301

Protanomaly

17.4837, 21.4504, 13.1164

Deuteranomaly

18.4893, 21.3254, 14.6970

Tritanomaly

16.7339, 22.0905, 24.1508

Monochromacy



Original Color

14.7865, 22.1892, 14.3301

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.7165, 19.0496, 17.3166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7865, 22.1892, 14.3301 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, 144, 95)` looks like.

```
.text, #text, p{  
    color:rgb(73, 144, 95)  
}
```

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, 144, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 144, 95) }
```

Border

The CSS property to change the border of an element to XYZ 14.7865, 22.1892, 14.3301 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, 144, 95) }
```


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

```
.border{ border-color:rgb(73, 144, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 144, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 144, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 144, 95);  
box-shadow:4px 4px 4px 4px rgb(73, 144,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7865, 22.1892, 14.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 144, 95) }
```

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

```
.background{ background-color: rgb(73, 144,  
95) }
```

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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