

Converting Colors

XYZ(14.1580, 22.1997, 7.6994)

Have a look what the booklet for
XYZ(14.1580, 22.1997, 7.6994)
contains.

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Color

**XYZ(14.1393, 22.2288,
7.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	4F913B
RGB	79, 145, 59
RGB Percent	31%, 57%, 23%
CMY	0.6902, 0.4314, 0.7686
CMYK	0.46, 0.00, 0.59, 0.43
HSL	106°, 42%, 40%
HSV	106°, 59%, 57%
XYZ	14.1393, 22.2288, 7.6830
YIQ	115.4620, -11.7300, -40.7380

Conversions

Conversions Part 2

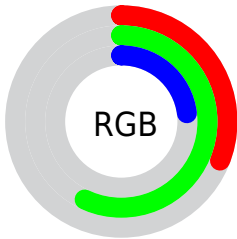
Format	Color
RYB	59, 145, 125
Decimal	5214523
CIELab	54.27, -37.95, 38.51
CIElCh	54, 54.067, 134.584
Yxy	22.2288, 0.3210, 0.5046
Android (android.graphics.Color)	4283404603 (0xFF4F913B)
YUV	115.4620, -27.8358, -31.9772
Hunter-Lab	47.1474, -28.9767, 23.3415

Details

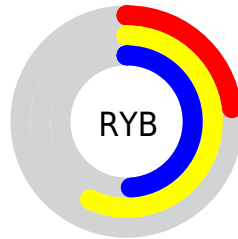
The XYZ color **14.1393, 22.2288, 7.6830** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **15.1331, 9.5328, 27.8316**, and the grayscale version is **16.5214, 17.3818, 18.9287**.

A 20% lighter version of the original color is **32.8566, 46.9375, 21.7961**, and **4.3665, 8.1891, 1.5228** is the 20% darker color. If you saturate the color by 10%, you get **12.9650, 21.6617, 5.9304**, and if you desaturate by 10%, it is **15.5742, 22.9195, 9.9941**.

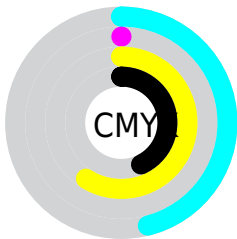
Distribution



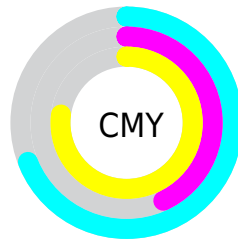
- Red (31%)
- Green (57%)
- Blue (23%)



- Red (23%)
- Yellow (57%)
- Blue (49%)



- Cyan (46%)
- Magenta (0%)
- Yellow (59%)
- Black (43%)



- Cyan (69%)
- Magenta (43%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1393, 22.2288, 7.6830 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 14.1393, 22.2288, 7.6830 by changing the saturation by 10% instead.

■ 14.1393, 22.2288,
7.6830

■ 14.1393, 22.2288,
7.6830

211.5890,
263.7388, 183.0648

■ 8.3000, 14.0251,
3.8079

■ 32.9202, 47.1239,
21.8704

■ 4.3409, 8.1381,
1.5206

■ 46.5925, 64.5840,
33.0199

■ 1.8967, 4.1835,
0.2332

■ 63.6064, 85.8985,
47.4312

■ 0.5749, 1.7767,
0.0000

■ 84.3274, 111.4516,
65.5229

■ 0.0000, 0.4726,
0.0000

■ 109.1208,
141.6278, 87.7136

■ 0.0000, 0.0000,
0.0000

■ 138.3520,

176.8115, 114.4218

172.3863,
217.3870, 146.0660

■ 14.1393, 22.2288,
7.6830

■ 14.1393, 22.2288,
7.6830

■ 12.9650, 21.6617,
5.9304

■ 15.5742, 22.9195,
9.9941

■ 12.0330, 21.2078,
4.6877

■ 17.2831, 23.7379,
12.9041

■ 11.3252, 20.8595,
3.9003

■ 19.2804, 24.6911,
16.4512

■ 10.8072, 20.6023,
3.4358

■ 21.5791, 25.7851,
20.6703

■ 10.7763, 20.5870,
3.4057

■ 24.1911, 27.0253,
25.5935

■ 27.1278, 28.4171,
31.2510

■ 30.4002, 29.9654,
37.6710

■ 34.0185, 31.6748,
44.8806

■ 37.9925, 33.5500,
52.9052

Harmonies

Analogous

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



18.4051, 22.2288, 4.4379



14.1393, 22.2288, 7.6830



11.9899, 22.2288, 16.5710

Triad

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



14.1393, 22.2288, 7.6830



18.2606, 22.2288, 70.8068



34.0782, 22.2288, 16.9269

Complementary

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



14.1393, 22.2288, 7.6830



15.1331, 9.5328, 27.8316

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.



34.0197, 22.2288, 33.8795



14.1393, 22.2288, 7.6830



24.1067, 22.2288, 71.0563

Square

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



14.1393, 22.2288, 7.6830



14.0505, 22.2288, 54.8182



30.1066, 22.2288, 55.3944



30.2541, 22.2288, 7.8390

Rectangle

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



14.1393, 22.2288, 7.6830



11.7374, 22.2288, 26.8864



30.1066, 22.2288, 55.3944



34.5318, 22.2288, 21.7051

Sweetspot

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



14.1398, 22.2297, 7.6835



39.0563, 46.3717, 37.7855



19.7925, 20.9868, 7.1456



8.4327, 10.1942, 7.9301



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.



14.1398, 22.2297, 7.6835



22.6427, 38.5121, 9.8199



13.4501, 21.7897, 11.4668



5.4530, 6.0861, 5.7767



9.2630, 17.6678, 2.9220



0.1053, 0.1775, 0.0287

Inverse Universe

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



15.1331, 9.5328, 27.8316



24.5169, 13.5902, 49.3045



16.7588, 10.5550, 19.5889



5.5054, 5.4487, 6.7903



10.0604, 4.6799, 23.3502



0.1154, 0.0547, 0.2241

Previews

White Background



This preview shows how the XYZ color 14.1393, 22.2288, 7.6830 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 14.1393, 22.2288, 7.6830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

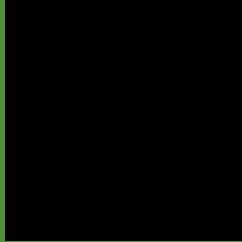
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.1393, 22.2288, 7.6830

Background



This preview shows how black text looks on a background with the XYZ color 14.1393, 22.2288, 7.6830.



This preview shows how white text looks on a background with the XYZ color 14.1393, 22.2288,

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

14.1393, 22.2288, 7.6830

Protanopia

20.0177, 21.8961, 6.6614

Deuteranopia

22.3352, 21.9185, 8.0545



Tritanopia

18.7899, 22.1478, 30.8884

Trichromacy



Original Color

14.1393, 22.2288, 7.6830

Protanomaly

17.1235, 21.6065, 7.0094

Deuteranomaly

18.2194, 21.3373, 7.8609

Tritanomaly

16.4470, 21.8269, 19.5658

Monochromacy



Original Color

14.1393, 22.2288, 7.6830

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.0059, 18.5727, 13.6205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1393, 22.2288, 7.6830 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(79, 145, 59)` looks like.

```
.text, #text, p{  
    color:rgb(79, 145, 59)  
}
```

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(79, 145, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 145, 59) }
```

Border

The CSS property to change the border of an element to XYZ 14.1393, 22.2288, 7.6830 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(79, 145, 59) }
```


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

```
.border{ border-color:rgb(79, 145, 59) }
```

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

Here you see how a box with a 4 pixel rgb(79, 145, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 145, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 145, 59);  
box-shadow:4px 4px 4px 4px rgb(79, 145,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1393, 22.2288, 7.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 145, 59) }
```

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

```
.background{ background-color: rgb(79, 145,  
59) }
```

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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