

Converting Colors

XYZ(14.1307, 22.2836, 8.6195)

Have a look what the booklet for
XYZ(14.1307, 22.2836, 8.6195)
contains.

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Color

**XYZ(14.0600, 22.1690,
8.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	4C9141
RGB	76, 145, 65
RGB Percent	30%, 57%, 25%
CMY	0.7020, 0.4314, 0.7451
CMYK	0.48, 0.00, 0.55, 0.43
HSL	112°, 38%, 41%
HSV	112°, 55%, 57%
XYZ	14.0600, 22.1690, 8.5390
YIQ	115.2490, -15.4440, -39.5080

Conversions

Conversions Part 2

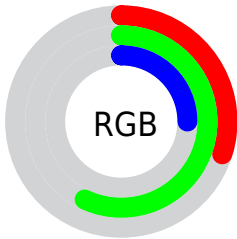
Format	Color
RYB	65, 145, 134
Decimal	5017921
CIELab	54.21, -38.18, 35.44
CIELCh	54, 52.089, 137.131
Yxy	22.1690, 0.3141, 0.4952
Android (android.graphics.Color)	4283208001 (0xFF4C9141)
YUV	115.2490, -24.7728, -34.4214
Hunter-Lab	47.0840, -29.0941, 22.2061

Details

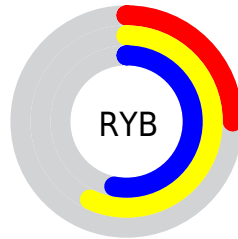
The XYZ color **14.0600, 22.1690, 8.5390** is a dark color, and the websafe version is hex **669933**, and the color name is **may green**. A complement of this color would be **16.8339, 10.8941, 28.0049**, and the grayscale version is **16.4481, 17.3046, 18.8447**.

A 20% lighter version of the original color is **32.7239, 46.8305, 23.5341**, and **4.3274, 8.1620, 1.8376** is the 20% darker color. If you saturate the color by 10%, you get **12.7940, 21.5595, 6.5618**, and if you desaturate by 10%, it is **15.6282, 22.9232, 11.0943**.

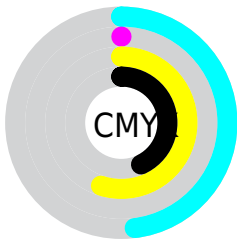
Distribution



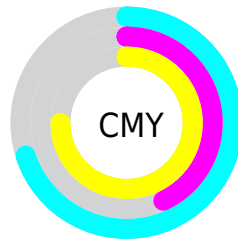
- Red (30%)
- Green (57%)
- Blue (25%)



- Red (25%)
- Yellow (57%)
- Blue (53%)



- Cyan (48%)
- Magenta (0%)
- Yellow (55%)
- Black (43%)



- Cyan (70%)
- Magenta (43%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0600, 22.1690, 8.5390 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 14.0600, 22.1690, 8.5390 by changing the saturation by 10% instead.

■ 14.0600, 22.1690,
8.5390

■ 14.0600, 22.1690,
8.5390

211.1069,
263.4276, 189.9903

■ 8.2444, 13.9811,
4.3491

■ 32.7808, 47.0252,
23.5719

■ 4.3048, 8.1075,
1.8187

■ 46.4168, 64.4622,
35.2519

■ 1.8760, 4.1638,
0.4403

■ 63.3902, 85.7512,
50.2657

■ 0.5628, 1.7656,
0.0000

■ 84.0664, 111.2764,
69.0318

■ 0.0000, 0.4656,
0.0000

■ 108.8109,
141.4222, 91.9688

■ 0.0000, 0.0000,
0.0000

137.9889,

176.5731, 119.4952

171.9658,
217.1134, 152.0295

■ 14.0600, 22.1690,
8.5390

■ 14.0600, 22.1690,
8.5390

■ 12.7940, 21.5595,
6.5618

■ 15.6282, 22.9232,
11.0943

■ 11.8089, 21.0826,
5.1161

■ 17.5147, 23.8275,
14.2663

■ 11.0830, 20.7290,
4.1510

■ 19.7367, 24.8906,
18.0922

■ 10.5895, 20.4864,
3.5972

■ 22.3095, 26.1196,
22.6057

■ 10.4130, 20.3998,
3.3887

■ 25.2474, 27.5214,
27.8382

■ 28.5639, 29.1022,
33.8193

■ 32.2720, 30.8681,
40.5766

■ 36.3839, 32.8247,
48.1367

■ 40.9113, 34.9777,
56.5247

Harmonies

Analogous

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



18.0257, 22.1690, 4.9265



14.0600, 22.1690, 8.5390



12.1439, 22.1690, 17.8418

Triad

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



14.0600, 22.1690, 8.5390



18.7393, 22.1690, 69.0443



33.2733, 22.1690, 16.0735

Complementary

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



14.0600, 22.1690, 8.5390



16.8339, 10.8941, 28.0049

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.



33.5581, 22.1690, 31.7651



14.0600, 22.1690, 8.5390



24.4413, 22.1690, 67.8426

Square

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



14.0600, 22.1690, 8.5390



14.5015, 22.1690, 54.9378



30.0941, 22.1690, 52.1506



29.3741, 22.1690, 7.7452

Rectangle

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



14.0600, 22.1690, 8.5390



12.0134, 22.1690, 28.2171



30.0941, 22.1690, 52.1506



33.8167, 22.1690, 20.4727

Sweetspot

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



14.0605, 22.1699, 8.5395



38.8908, 46.2679, 38.6097



21.0198, 23.1776, 8.3672



8.4683, 10.2052, 8.2665



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.



14.0605, 22.1699, 8.5395



22.4803, 38.3999, 11.1012



14.2819, 22.1660, 13.8822



5.4076, 6.0627, 5.7746



8.9453, 17.5041, 2.9072



0.0962, 0.1729, 0.0283

Inverse Universe

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



16.8339, 10.8941, 28.0049



27.9162, 16.0689, 49.6038



16.7791, 11.0853, 18.0858



5.5544, 5.4740, 6.7926



11.6624, 5.5058, 23.4251



0.1245, 0.0593, 0.2246

Previews

White Background



This preview shows how the XYZ color 14.0600, 22.1690, 8.5390 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 14.0600, 22.1690, 8.5390 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 14.0600, 22.1690, 8.5390

Background



This preview shows how black text looks on a background with the XYZ color 14.0600, 22.1690, 8.5390.



This preview shows how white text looks on a background with the XYZ color 14.0600, 22.1690,

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

14.0600, 22.1690, 8.5390

Protanopia

19.9936, 21.8664, 7.4418

Deuteranopia

22.3208, 21.8900, 9.0100



Tritanopia

18.4843, 21.9902, 30.8741

Trichromacy



Original Color

14.0600, 22.1690, 8.5390

Protanomaly

17.1412, 21.5977, 7.8228

Deuteranomaly

18.0926, 21.2515, 8.7786

Tritanomaly

16.2813, 21.7280, 20.1654

Monochromacy



Original Color

14.0600, 22.1690, 8.5390

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

14.9854, 18.5515, 14.1002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0600, 22.1690, 8.5390 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, 145, 65)` looks like.

```
.text, #text, p{  
    color:rgb(76, 145, 65)  
}
```

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, 145, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 145, 65) }
```

Border

The CSS property to change the border of an element to XYZ 14.0600, 22.1690, 8.5390 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, 145, 65) }
```


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

```
.border{ border-color:rgb(76, 145, 65) }
```

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

Here you see how a box with a 4 pixel rgb(76, 145, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 145, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 145, 65);  
box-shadow:4px 4px 4px 4px rgb(76, 145,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0600, 22.1690, 8.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 145, 65) }
```

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

```
.background{ background-color: rgb(76, 145,  
65) }
```

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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