

Converting Colors

XYZ(14.0438, 22.1838, 19.6109)

Have a look what the booklet for
XYZ(14.0438, 22.1838, 19.6109)
contains.

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Color

**XYZ(14.0331, 22.1357,
19.7526)**

Conversions

Conversions Part 1

Format	Color
Hex	229273
RGB	34, 146, 115
RGB Percent	13%, 57%, 45%
CMY	0.8666, 0.4274, 0.5490
CMYK	0.77, 0.00, 0.21, 0.43
HSL	163°, 62%, 35%
HSV	163°, 77%, 57%
XYZ	14.0331, 22.1357, 19.7526
YIQ	108.9780, -56.8010, -33.3850

Conversions

Conversions Part 2

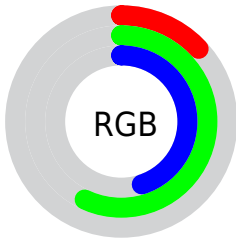
Format	Color
R_{YB}	34, 99, 146
Decimal	2265715
CIE _{Lab}	54.17, -38.19, 7.77
CIE _{LCh}	54, 38.975, 168.508
Yxy	22.1357, 0.2509, 0.3958
Android (android.graphics.Color)	4280455795 (0xFF229273)
YUV	108.9780, 2.9688, -65.7557
Hunter-Lab	47.0486, -29.0942, 8.0421

Details

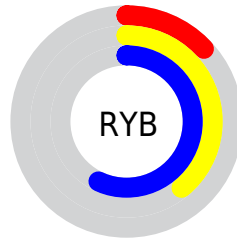
The XYZ color **14.0331, 22.1357, 19.7526** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **13.3810, 7.6373, 5.7709**, and the grayscale version is **14.5337, 15.2906, 16.6514**.

A 20% lighter version of the original color is **32.7915, 47.1047, 43.9230**, and **5.0158, 8.4107, 6.6692** is the 20% darker color. If you saturate the color by 10%, you get **13.4228, 21.8479, 18.5369**, and if you desaturate by 10%, it is **14.8593, 22.5347, 21.0326**.

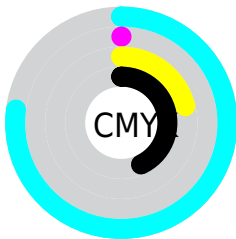
Distribution



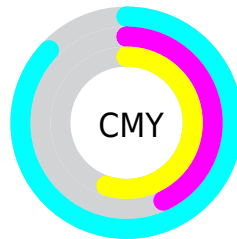
- Red (13%)
- Green (57%)
- Blue (45%)



- Red (13%)
- Yellow (39%)
- Blue (57%)



- Cyan (77%)
- Magenta (0%)
- Yellow (21%)
- Black (43%)



- Cyan (87%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0331, 22.1357, 19.7526 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 14.0331, 22.1357, 19.7526 by changing the saturation by 10% instead.

■ 14.0331, 22.1357,
19.7526

■ 14.0331, 22.1357,
19.7526

210.9431,
263.2541, 263.1324

■ 8.2255, 13.9566,
12.0330

■ 32.7335, 46.9702,
43.8555

■ 4.2926, 8.0905,
6.6434

■ 46.3571, 64.3944,
61.0760

■ 1.8690, 4.1529,
3.1650

■ 63.3167, 85.6691,
82.3004

■ 0.5587, 1.7595,
1.1795

■ 83.9778, 111.1787,
107.9475

■ 0.0000, 0.4617,
0.0000

■ 108.7056,
141.3076, 138.4357

■ 0.0000, 0.0000,
0.0000

■ 137.8655,

176.4402, 174.1836

171.8229,
216.9609, 215.6096

■ 14.0331, 22.1357,
19.7526

■ 14.0331, 22.1357,
19.7526

■ 13.4228, 21.8479,
18.5369

■ 14.8593, 22.5347,
21.0326

■ 12.9890, 21.6494,
17.3815

■ 15.9227, 23.0543,
22.3772

■ 12.8594, 21.5906,
17.0134

■ 17.2442, 23.7057,
23.7883

■ 18.8416, 24.4981,
25.2676

■ 20.7313, 25.4399,
26.8163

■ 22.9282, 26.5389,
28.4359

■ 25.4462, 27.8021,
30.1275

■ 28.2986, 29.2365,
31.8925

■ 31.4975, 30.8482,
33.7318

Harmonies

Analogous

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



15.5162, 22.1357, 11.7291



14.0331, 22.1357, 19.7526



14.2307, 22.1357, 32.2780

Triad

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



14.0331, 22.1357, 19.7526



23.7282, 22.1357, 53.6257



26.9010, 22.1357, 10.5258

Complementary

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



14.0331, 22.1357, 19.7526



13.3810, 7.6373, 5.7709

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.



29.7329, 22.1357, 17.4383



14.0331, 22.1357, 19.7526



27.7385, 22.1357, 43.0624

Square

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



14.0331, 22.1357, 19.7526



19.4601, 22.1357, 54.8928



30.0585, 22.1357, 29.0472



22.7018, 22.1357, 7.7234

Rectangle

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



14.0331, 22.1357, 19.7526



15.2950, 22.1357, 41.7084



30.0585, 22.1357, 29.0472



28.0672, 22.1357, 12.3136

Sweetspot

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



14.0337, 22.1366, 19.7531



37.7675, 45.4750, 48.2183



12.7972, 21.8233, 5.0516



8.1349, 9.9830, 10.5230



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.



14.0337, 22.1366, 19.7531



23.1131, 38.2812, 31.2321



12.7756, 16.2700, 29.6623



5.8963, 6.5351, 7.0650



11.3257, 19.0031, 15.0223



0.1511, 0.2376, 0.2497

Inverse Universe

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



13.3810, 7.6373, 5.7709



21.9855, 11.4854, 5.7828



13.6701, 9.2803, 2.5845



5.8629, 5.8402, 6.3839



10.7834, 5.5184, 2.3404



0.1431, 0.0720, 0.0874

Previews

White Background



This preview shows how the XYZ color 14.0331, 22.1357, 19.7526 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 14.0331, 22.1357, 19.7526 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 14.0331, 22.1357, 19.7526

Background



This preview shows how black text looks on a background with the XYZ color 14.0331, 22.1357, 19.7526.



This preview shows how white text looks on a background with the XYZ color 14.0331, 22.1357,

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

14.0331, 22.1357, 19.7526

Protanopia

20.4740, 21.7132, 16.7476

Deuteranopia

22.0994, 21.7007, 20.7932



Tritanopia

16.7679, 22.1290, 33.0933

Trichromacy



Original Color

14.0331, 22.1357, 19.7526

Protanomaly

16.5699, 21.0847, 17.6644

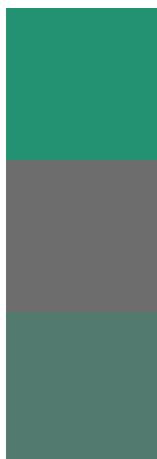
Deuteranomaly

17.2302, 20.7536, 20.2373

Tritanomaly

15.6550, 22.1133, 27.8693

Monochromacy



Original Color

14.0331, 22.1357, 19.7526

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.3085, 16.8606, 17.5919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0331, 22.1357, 19.7526 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(34, 146, 115)` looks like.

```
.text, #text, p{  
    color:rgb(34, 146, 115)  
}
```

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(34, 146, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 146, 115) }
```

Border

The CSS property to change the border of an element to XYZ 14.0331, 22.1357, 19.7526 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(34, 146, 115) }
```


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

```
.border{ border-color:rgb(34, 146, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 146, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 146, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 146, 115);  
box-shadow:4px 4px 4px 4px rgb(34, 146,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0331, 22.1357, 19.7526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 146, 115) }
```

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

```
.background{ background-color: rgb(34, 146,  
115) }
```

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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