

Converting Colors

XYZ(14.6392, 22.4575, 12.6658)

Have a look what the booklet for
XYZ(14.6392, 22.4575, 12.6658)
contains.

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Color

**XYZ(14.5934, 22.3554,
12.5627)**

Conversions

Conversions Part 1

Format	Color
Hex	499157
RGB	73, 145, 87
RGB Percent	29%, 57%, 34%
CMY	0.7137, 0.4314, 0.6588
CMYK	0.50, 0.00, 0.40, 0.43
HSL	132°, 33%, 43%
HSV	132°, 50%, 57%
XYZ	14.5934, 22.3554, 12.5627
YIQ	116.8600, -24.2940, -33.3020

Conversions

Conversions Part 2

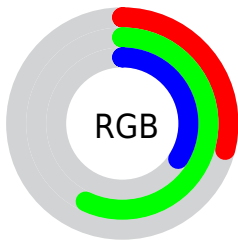
Format	Color
RYB	73, 133, 145
Decimal	4821335
CIELab	54.40, -35.72, 24.02
CIElCh	54, 43.043, 146.083
Yxy	22.3554, 0.2947, 0.4515
Android (android.graphics.Color)	4283011415 (0xFF499157)
YUV	116.8600, -14.7210, -38.4652
Hunter-Lab	47.2815, -27.6487, 17.3437

Details

The XYZ color **14.5934, 22.3554, 12.5627** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **18.1571, 12.4241, 22.9148**, and the grayscale version is **16.9152, 17.7961, 19.3800**.

A 20% lighter version of the original color is **33.5430, 47.0886, 30.9880**, and **4.5668, 8.2520, 3.3596** is the 20% darker color. If you saturate the color by 10%, you get **13.1811, 21.6787, 10.2040**, and if you desaturate by 10%, it is **16.3403, 23.1969, 15.3412**.

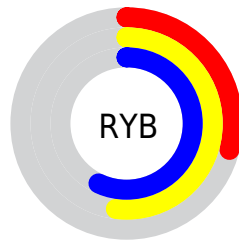
Distribution



Red (29%)

Green (57%)

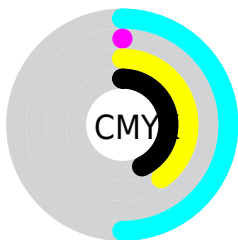
Blue (34%)



Red (29%)

Yellow (52%)

Blue (57%)

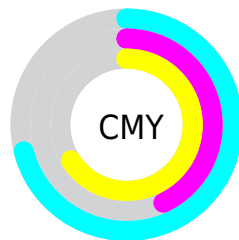


Cyan (50%)

Magenta (0%)

Yellow (40%)

Black (43%)



Cyan (71%)

Magenta (43%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5934, 22.3554, 12.5627 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 14.5934, 22.3554, 12.5627 by changing the saturation by 10% instead.

■ 14.5934, 22.3554,
12.5627

■ 14.5934, 22.3554,
12.5627

214.3293,
264.3967, 219.2042

■ 8.6190, 14.1183,
7.0010

■ 33.7158, 47.3327,
31.1955

■ 4.5486, 8.2030,
3.3842

■ 47.5946, 64.8417,
45.1036

■ 2.0169, 4.2251,
1.2940

■ 64.8388, 86.2100,
62.6309

■ 0.6435, 1.8003,
0.0569

■ 85.8138, 111.8222,
84.1959

■ 0.0000, 0.4873,
0.0000

■ 110.8850,
142.0625, 110.2172

■ 0.0000, 0.0000,
0.0000

140.4178,

177.3155, 141.1133

174.7774,
217.9654, 177.3028

■ 14.5934, 22.3554,
12.5627

■ 14.5934, 22.3554,
12.5627

■ 13.1811, 21.6787,
10.2040

■ 16.3403, 23.1969,
15.3412

■ 12.0798, 21.1532,
8.2433

■ 18.4399, 24.2103,
18.5569

■ 11.2657, 20.7678,
6.6588


■ 20.9108, 25.4054,
22.2283


■ 10.7106, 20.5083,
5.4264


■ 23.7702, 26.7907,
26.3721


■ 10.3489, 20.3416,
4.5174


■ 27.0339, 28.3741,
31.0043

 10.3378, 20.3364,
4.4913

 30.7169, 30.1629,
36.1401

 34.8334, 32.1641,
41.7941

 39.3970, 34.3845,
47.9802

 44.4207, 36.8305,
54.7119

Harmonies

Analogous

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



17.5155, 22.3554, 7.7046



14.5934, 22.3554, 12.5627



13.4438, 22.3554, 22.6150

Triad

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



14.5934, 22.3554, 12.5627



20.6365, 22.3554, 60.3931



30.4475, 22.3554, 14.6387

Complementary

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



14.5934, 22.3554, 12.5627



18.1571, 12.4241, 22.9148

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.



31.6055, 22.3554, 26.1531



14.5934, 22.3554, 12.5627



25.4767, 22.3554, 55.7926

Square

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



14.5934, 22.3554, 12.5627



16.5918, 22.3554, 52.7739



29.6693, 22.3554, 41.8377



26.7031, 22.3554, 8.5557

Rectangle

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



14.5934, 22.3554, 12.5627



13.6906, 22.3554, 32.2429



29.6693, 22.3554, 41.8377



31.1738, 22.3554, 17.8491

Sweetspot

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



14.5940, 22.3563, 12.5632



39.5831, 46.5301, 42.9226



20.8133, 25.6223, 10.1522



8.5970, 10.2500, 9.2450



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.



14.5940, 22.3563, 12.5632



23.2533, 38.6539, 17.6660



16.3990, 23.0783, 22.0684



5.3831, 6.0455, 5.9832



8.8745, 17.4457, 3.8933



0.0912, 0.1693, 0.0706

Inverse Universe

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



18.1571, 12.4241, 22.9148



30.4067, 18.6564, 38.4053



16.1624, 11.6262, 12.4108



5.5819, 5.4933, 6.5624



12.7692, 6.2647, 14.9679



0.1295, 0.0629, 0.1823

Previews

White Background



This preview shows how the XYZ color 14.5934, 22.3554, 12.5627 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 14.5934, 22.3554, 12.5627 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 14.5934, 22.3554, 12.5627

Background



This preview shows how black text looks on a background with the XYZ color 14.5934, 22.3554, 12.5627.



This preview shows how white text looks on a background with the XYZ color 14.5934, 22.3554,

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

14.5934, 22.3554, 12.5627

Protanopia

20.3200, 21.9573, 10.9518

Deuteranopia

22.4658, 22.0580, 13.1988



Tritanopia

18.4438, 22.3731, 31.7801

Trichromacy



Original Color

14.5934, 22.3554, 12.5627

Protanomaly

17.4278, 21.6655, 11.4469

Deuteranomaly

18.5542, 21.6007, 12.8643

Tritanomaly

16.7704, 22.3499, 23.1687

Monochromacy



Original Color

14.5934, 22.3554, 12.5627

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.5577, 18.9861, 16.4804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5934, 22.3554, 12.5627 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, 145, 87)` looks like.

```
.text, #text, p{  
    color:rgb(73, 145, 87)  
}
```

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, 145, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 145, 87) }
```

Border

The CSS property to change the border of an element to XYZ 14.5934, 22.3554, 12.5627 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, 145, 87) }
```


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

```
.border{ border-color:rgb(73, 145, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 145, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 145, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 145, 87);  
box-shadow:4px 4px 4px 4px rgb(73, 145,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5934, 22.3554, 12.5627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 145, 87) }
```

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

```
.background{ background-color: rgb(73, 145,  
87) }
```

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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