

Converting Colors

XYZ(13.9971, 23.0408, 15.6175)

Have a look what the booklet for
XYZ(13.9971, 23.0408, 15.6175)
contains.

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Color

**XYZ(14.0335, 23.1647,
15.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	289663
RGB	40, 150, 99
RGB Percent	16%, 59%, 39%
CMY	0.8431, 0.4118, 0.6118
CMYK	0.73, 0.00, 0.34, 0.41
HSL	152°, 58%, 37%
HSV	152°, 73%, 59%
XYZ	14.0335, 23.1647, 15.5360
YIQ	111.2960, -49.1890, -39.1810

Conversions

Conversions Part 2

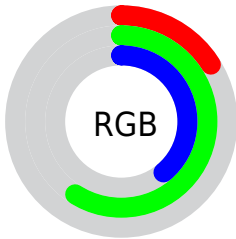
Format	Color
RYB	40, 112, 150
Decimal	2659939
CIELab	55.24, -42.81, 18.32
CIElCh	55, 46.563, 156.830
Yxy	23.1647, 0.2661, 0.4393
Android (android.graphics.Color)	4280850019 (0xFF289663)
YUV	111.2960, -6.0619, -62.5266
Hunter-Lab	48.1297, -32.1806, 14.5523

Details

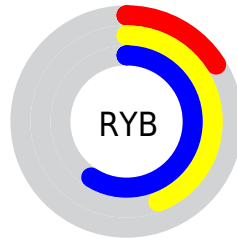
The XYZ color **14.0335, 23.1647, 15.5360** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **15.2254, 8.7573, 10.7857**, and the grayscale version is **15.2232, 16.0160, 17.4414**.

A 20% lighter version of the original color is **32.7032, 48.6314, 36.5173**, and **4.9875, 8.9833, 4.7199** is the 20% darker color. If you saturate the color by 10%, you get **13.2415, 22.7938, 13.8377**, and if you desaturate by 10%, it is **15.0816, 23.6656, 17.3968**.

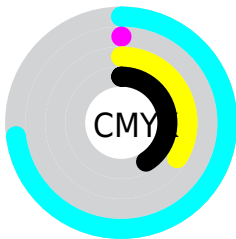
Distribution



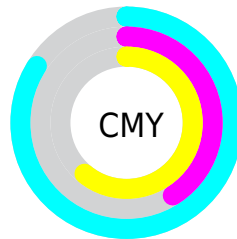
- Red (16%)
- Green (59%)
- Blue (39%)



- Red (16%)
- Yellow (44%)
- Blue (59%)



- Cyan (73%)
- Magenta (0%)
- Yellow (34%)
- Black (41%)



- Cyan (84%)
- Magenta (41%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0335, 23.1647, 15.5360 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 14.0335, 23.1647, 15.5360 by changing the saturation by 10% instead.

■ 14.0335, 23.1647,
15.5360

■ 14.0335, 23.1647,
15.5360

■ 210.9456,
268.5698, 238.3394

■ 8.2258, 14.7152,
9.0456

■ 32.7342, 48.6636,
36.5463

■ 4.2928, 8.6197,
4.6737

■ 46.3580, 66.4818,
51.9033

■ 1.8691, 4.4940,
2.0018

■ 63.3178, 88.1917,
71.0529

■ 0.5588, 1.9536,
0.5564

■ 83.9791, 114.1776,
94.4137

■ 0.0000, 0.5803,
0.0000

■ 108.7071,
144.8240, 122.4042

■ 0.0000, 0.0000,
0.0000

■ 137.8673,

180.5152, 155.4430

171.8250,
221.6357, 193.9486

■ 14.0335, 23.1647,
15.5360

■ 14.0335, 23.1647,
15.5360

■ 13.2415, 22.7938,
13.8377

■ 15.0816, 23.6656,
17.3968

■ 12.6753, 22.5355,
12.2953

■ 16.4083, 24.3060,
19.4233

■ 12.3717, 22.3996,
11.3496

■ 18.0353, 25.0978,
21.6204

■ 19.9816, 26.0507,
23.9925

■ 22.2647, 27.1735,
26.5436

■ 24.9007, 28.4747,
29.2778

■ 27.9046, 29.9617,
32.1987

■ 31.2907, 31.6419,
35.3100

■ 35.0722, 33.5221,
38.6154

Harmonies

Analogous

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



16.5427, 23.1647, 8.5250



14.0335, 23.1647, 15.5360



13.4949, 23.1647, 28.7897

Triad

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



14.0335, 23.1647, 15.5360



23.2300, 23.1647, 65.7677



31.0464, 23.1647, 11.6393

Complementary

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



14.0335, 23.1647, 15.5360



15.2254, 8.7573, 10.7857

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.



33.5343, 23.1647, 21.9627



14.0335, 23.1647, 15.5360



28.5834, 23.1647, 55.8527

Square

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



14.0335, 23.1647, 15.5360



18.3070, 23.1647, 61.8507



32.5684, 23.1647, 38.2756



26.1979, 23.1647, 6.9746

Rectangle

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



14.0335, 23.1647, 15.5360



14.2347, 23.1647, 40.5102



32.5684, 23.1647, 38.2756



32.2187, 23.1647, 14.3648

Sweetspot

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



14.0341, 23.1656, 15.5365



39.6834, 48.1469, 47.2627



15.6373, 24.2080, 5.8560



8.5645, 10.5567, 10.2263



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.0341, 23.1656, 15.5365



22.6855, 39.9114, 22.6462



16.7111, 23.3148, 32.4748



5.8518, 6.5173, 6.8306



10.2767, 18.5835, 9.4987



0.1407, 0.2334, 0.1947

Inverse Universe

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



15.2254, 8.7573, 10.7857



24.9228, 13.0317, 13.8572



13.8496, 8.4142, 2.9017



5.9060, 5.8575, 6.6110



11.3526, 5.7461, 5.3378



0.1536, 0.0762, 0.1424

Previews

White Background



This preview shows how the XYZ color 14.0335, 23.1647, 15.5360 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 14.0335, 23.1647, 15.5360 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 14.0335, 23.1647, 15.5360

Background



This preview shows how black text looks on a background with the XYZ color 14.0335, 23.1647, 15.5360.



This preview shows how white text looks on a background with the XYZ color 14.0335, 23.1647,

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

14.0335, 23.1647, 15.5360

Protanopia

21.1600, 22.7387, 13.1713

Deuteranopia

23.0964, 22.6935, 16.2597



Tritanopia

17.8532, 23.1015, 34.5284

Trichromacy



Original Color

14.0335, 23.1647, 15.5360



Protanomaly

16.9346, 21.9884, 13.9413



Deuteranomaly

17.7443, 21.7320, 15.8298



Tritanomaly

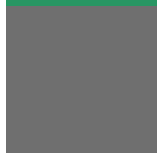
16.2276, 23.1193, 26.5288

Monochromacy



Original Color

14.0335, 23.1647, 15.5360



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

13.7338, 17.6601, 16.5948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0335, 23.1647, 15.5360 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(40, 150, 99)` looks like.

```
.text, #text, p{  
    color:rgb(40, 150, 99)  
}
```

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(40, 150, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 150, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.0335, 23.1647, 15.5360 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(40, 150, 99) }
```


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

```
.border{ border-color:rgb(40, 150, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 150, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 150, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 150, 99);  
box-shadow:4px 4px 4px 4px rgb(40, 150,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0335, 23.1647, 15.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 150, 99) }
```

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

```
.background{ background-color: rgb(40, 150,  
99) }
```

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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