

Converting Colors

XYZ(14.2694, 23.6056, 16.3171)

Have a look what the booklet for
XYZ(14.2694, 23.6056, 16.3171)
contains.

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Color

**XYZ(14.2278, 23.4858,
16.3537)**

Conversions

Conversions Part 1

Format	Color
Hex	259766
RGB	37, 151, 102
RGB Percent	15%, 59%, 40%
CMY	0.8549, 0.4078, 0.6000
CMYK	0.75, 0.00, 0.32, 0.41
HSL	154°, 61%, 37%
HSV	154°, 75%, 59%
XYZ	14.2278, 23.4858, 16.3537
YIQ	111.3280, -52.2150, -39.4070

Conversions

Conversions Part 2

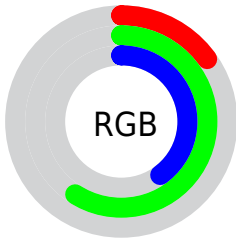
Format	Color
R_{YB}	37, 110, 151
Decimal	2463590
CIE _{Lab}	55.57, -43.01, 17.08
CIE _{LCh}	56, 46.274, 158.335
Yxy	23.4858, 0.2631, 0.4344
Android (android.graphics.Color)	4280653670 (0xFF259766)
YUV	111.3280, -4.5987, -65.1857
Hunter-Lab	48.4622, -32.4037, 13.9159

Details

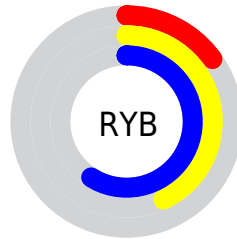
The XYZ color **14.2278, 23.4858, 16.3537** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **15.1045, 8.5748, 9.6640**, and the grayscale version is **15.2292, 16.0223, 17.4482**.

A 20% lighter version of the original color is **33.0766, 49.1518, 37.8809**, and **5.1514, 9.1995, 5.1186** is the 20% darker color. If you saturate the color by 10%, you get **13.4846, 23.1390, 14.7042**, and if you desaturate by 10%, it is **15.2216, 23.9601, 18.1476**.

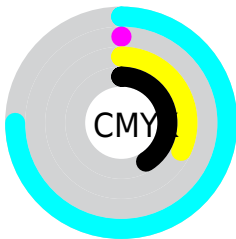
Distribution



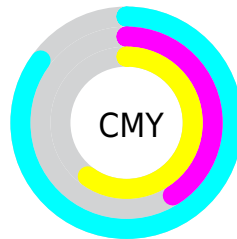
- Red (15%)
- Green (59%)
- Blue (40%)



- Red (15%)
- Yellow (43%)
- Blue (59%)



- Cyan (75%)
- Magenta (0%)
- Yellow (32%)
- Black (41%)



- Cyan (85%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2278, 23.4858, 16.3537 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 14.2278, 23.4858, 16.3537 by changing the saturation by 10% instead.

■ 14.2278, 23.4858,
16.3537

■ 14.2278, 23.4858,
16.3537

212.1258,
270.2104, 243.3364

■ 8.3620, 14.9526,
9.6177

■ 33.0756, 49.1898,
37.9865

■ 4.3812, 8.7861,
5.0440

■ 46.7883, 67.1294,
53.7203

■ 1.9200, 4.6020,
2.2139

■ 63.8474, 88.9733,
73.2906

■ 0.5884, 2.0157,
0.6824

■ 84.6182, 115.1058,
97.1158

■ 0.0000, 0.6165,
0.0000

■ 109.4661,
145.9114, 125.6144

■ 0.0000, 0.0000,
0.0000

■ 138.7564,

181.7744, 159.2050

172.8545,
223.0793, 198.3062

■ 14.2278, 23.4858,
16.3537

■ 14.2278, 23.4858,
16.3537

■ 13.4846, 23.1390,
14.7042

■ 15.2216, 23.9601,
18.1476

■ 12.9562, 22.8995,
13.1928

■ 16.4892, 24.5719,
20.0882

■ 12.7506, 22.8075,
12.5547

■ 18.0535, 25.3336,
22.1801

■ 19.9339, 26.2552,
24.4268

■ 22.1483, 27.3459,
26.8318

■ 24.7134, 28.6141,
29.3985

■ 27.6444, 30.0676,
32.1300

■ 30.9558, 31.7140,
35.0296

■ 34.6614, 33.5602,
38.1002

Harmonies

Analogous

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



16.6536, 23.4858, 8.9928



14.2278, 23.4858, 16.3537



13.7855, 23.4858, 29.9733

Triad

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



14.2278, 23.4858, 16.3537



23.8106, 23.4858, 65.9055



31.1656, 23.4858, 11.5565

Complementary

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



14.2278, 23.4858, 16.3537



15.1045, 8.5748, 9.6640

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.



33.8099, 23.4858, 21.6242



14.2278, 23.4858, 16.3537



29.1510, 23.4858, 55.4273

Square

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



14.2278, 23.4858, 16.3537



18.8156, 23.4858, 62.7096



33.0202, 23.4858, 37.7312



26.2402, 23.4858, 7.0709

Rectangle

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



14.2278, 23.4858, 16.3537



14.5968, 23.4858, 41.8013



33.0202, 23.4858, 37.7312



32.3831, 23.4858, 14.2036

Sweetspot

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



14.2284, 23.4867, 16.3542



40.5463, 49.4073, 48.9623



15.2759, 24.2652, 5.6290



8.8877, 11.0677, 10.7880



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.2284, 23.4867, 16.3542



23.4251, 41.1085, 24.3258



16.2322, 22.3938, 32.7461



6.2723, 6.9816, 7.3572



10.8614, 19.4080, 10.7564



0.1806, 0.2974, 0.2566

Inverse Universe

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



15.1045, 8.5748, 9.6640



25.1088, 13.0215, 11.8915



14.0203, 8.5598, 2.6638



6.3135, 6.2646, 7.0310



11.6805, 5.9265, 4.8428



0.1923, 0.0957, 0.1657

Previews

White Background



This preview shows how the XYZ color 14.2278, 23.4858, 16.3537 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 14.2278, 23.4858, 16.3537 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 14.2278, 23.4858, 16.3537

Background



This preview shows how black text looks on a background with the XYZ color 14.2278, 23.4858, 16.3537.



This preview shows how white text looks on a background with the XYZ color 14.2278, 23.4858,

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

14.2278, 23.4858, 16.3537

Protanopia

21.4270, 23.0615, 13.9117

Deuteranopia

23.3801, 23.0126, 17.1195



Tritanopia

17.9606, 23.3710, 35.0169

Trichromacy



Original Color

14.2278, 23.4858, 16.3537

Protanomaly

17.0992, 22.2714, 14.7068

Deuteranomaly

17.9095, 22.0077, 16.6686

Tritanomaly

16.3459, 23.4019, 26.9481

Monochromacy



Original Color

14.2278, 23.4858, 16.3537

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

13.8238, 17.8892, 16.9117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2278, 23.4858, 16.3537 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(37, 151, 102)` looks like.

```
.text, #text, p{  
    color:rgb(37, 151, 102)  
}
```

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(37, 151, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 151, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.2278, 23.4858, 16.3537 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(37, 151, 102) }
```


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

```
.border{ border-color:rgb(37, 151, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 151, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 151, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 151, 102);  
box-shadow:4px 4px 4px 4px rgb(37, 151,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2278, 23.4858, 16.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 151, 102) }
```

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

```
.background{ background-color: rgb(37, 151,  
102) }
```

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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