

Converting Colors

XYZ(8.6003, 22.0518, 13.8990)

Have a look what the booklet for
XYZ(8.6003, 22.0518, 13.8990)
contains.

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Color

**XYZ(13.9887, 24.8866,
14.1915)**

Conversions

Conversions Part 1

Format	Color
Hex	009D5C
RGB	0, 157, 92
RGB Percent	0%, 62%, 36%
CMY	1.0000, 0.3843, 0.6392
CMYK	1.00, 0.00, 0.41, 0.38
HSL	155°, 100%, 31%
HSV	155°, 100%, 62%
XYZ	13.9887, 24.8866, 14.1915
YIQ	102.6470, -72.7070, -53.4990

Conversions

Conversions Part 2

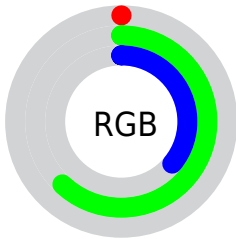
Format	Color
RYB	0, 99, 157
Decimal	40284
CIELab	56.96, -50.52, 24.40
CIELCh	57, 56.099, 154.221
Yxy	24.8866, 0.2636, 0.4690
Android (android.graphics.Color)	4278230364 (0xFF009D5C)
YUV	102.6470, -5.2490, -90.0214
Hunter-Lab	49.8865, -37.2480, 18.0540

Details

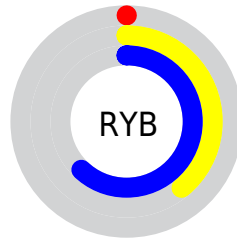
The XYZ color **13.9887, 24.8866, 14.1915** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **14.8596, 7.5503, 5.6764**, and the grayscale version is **12.8270, 13.4950, 14.6960**.

A 20% lighter version of the original color is **32.7767, 51.6464, 34.2278**, and **5.4240, 10.0901, 4.1443** is the 20% darker color. If you saturate the color by 10%, you get **13.9891, 24.8875, 14.1914**, and if you desaturate by 10%, it is **14.4945, 25.1138, 15.7635**.

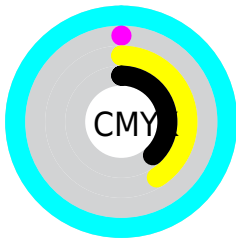
Distribution



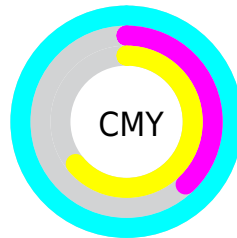
- Red (0%)
- Green (62%)
- Blue (36%)



- Red (0%)
- Yellow (39%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (38%)




- Cyan (100%)
- Magenta (38%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9887, 24.8866, 14.1915 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 13.9887, 24.8866, 14.1915 by changing the saturation by 10% instead.


 13.9887, 24.8866,
14.1915


 13.9887, 24.8866,
14.1915


210.6725,
277.2727, 229.8886


 8.1945, 15.9926,
8.1137


 32.6554, 51.4732,
34.1504


 4.2725, 9.5189,
4.0790


 46.2586, 69.9346,
48.8687


 1.8574, 5.0812,
1.6688

 63.1954, 92.3539,
67.3041

 0.5519, 2.2950,
0.3392

 83.8314, 119.1154,
89.8753

 0.0000, 0.7710,
0.0000

 108.5317,
150.6037, 117.0008

 0.0000, 0.0000,
0.0000

 137.6617,

187.2031, 149.0992

171.5869,
229.2980, 186.5890

■ 13.9887, 24.8866,
14.1915

■ 13.9887, 24.8866,
14.1915

■ 13.9891, 24.8875,
14.1914

■ 14.4945, 25.1138,
15.7635

■ 15.1848, 25.4325,
17.4739

■ 16.1317, 25.8805,
19.3297

■ 17.3653, 26.4734,
21.3352

■ 18.9111, 27.2241,
23.4942

■ 20.7919, 28.1443,
25.8107

■ 23.0281, 29.2446,
28.2881

■ 25.6385, 30.5345,
30.9299

■ 28.6404, 32.0230,
33.7394

Harmonies

Analogous

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



17.2257, 24.8866, 6.8165



13.9887, 24.8866, 14.1915



13.1430, 24.8866, 29.8538

Triad

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



13.9887, 24.8866, 14.1915



24.5978, 24.8866, 81.7113



35.7400, 24.8866, 11.3958

Complementary

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



13.9887, 24.8866, 14.1915



14.8596, 7.5503, 5.6764

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.



38.6561, 24.8866, 24.5159



13.9887, 24.8866, 14.1915



31.5104, 24.8866, 69.4836

Square

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



13.9887, 24.8866, 14.1915



18.5650, 24.8866, 74.6028



36.9808, 24.8866, 46.1182



29.5970, 24.8866, 5.8077

Rectangle

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



13.9887, 24.8866, 14.1915



13.8864, 24.8866, 44.8560



36.9808, 24.8866, 46.1182



37.1771, 24.8866, 14.7801

Sweetspot

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



13.9893, 24.8876, 14.1921



40.9884, 52.2485, 50.3931



14.2655, 25.2531, 4.1227



8.6619, 11.3209, 10.7020



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



13.9893, 24.8876, 14.1921



24.9550, 44.5306, 24.9026



16.0472, 22.3566, 35.3689



6.7055, 7.4630, 7.8840



11.3800, 20.2200, 11.6243



0.2242, 0.3698, 0.3170

Inverse Universe

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



14.8596, 7.5503, 5.6764



26.5202, 13.4847, 9.6878



14.0502, 7.4585, 0.6993



6.7412, 6.6894, 7.4885



12.0857, 6.1389, 4.7024



0.2366, 0.1180, 0.1922

Previews

White Background



This preview shows how the XYZ color 13.9887, 24.8866, 14.1915 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 13.9887, 24.8866, 14.1915 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 13.9887, 24.8866, 14.1915

Background



This preview shows how black text looks on a background with the XYZ color 13.9887, 24.8866, 14.1915.



This preview shows how white text looks on a background with the XYZ color 13.9887, 24.8866,

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

13.9887, 24.8866, 14.1915

Protanopia

22.6171, 24.5443, 11.9330

Deuteranopia

24.8852, 24.4242, 14.9580



Tritanopia

18.8678, 24.9380, 37.5373

Trichromacy



Original Color

13.9887, 24.8866, 14.1915



Protanomaly

16.3097, 23.0143, 12.5994



Deuteranomaly

16.9689, 22.4255, 14.5005



Tritanomaly

16.3997, 24.6091, 27.1782

Monochromacy



Original Color

13.9887, 24.8866, 14.1915



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

11.5819, 16.2250, 14.3257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9887, 24.8866, 14.1915 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(0, 157, 92)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 92)  
}
```

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(0, 157, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 92) }
```

Border

The CSS property to change the border of an element to XYZ 13.9887, 24.8866, 14.1915 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(0, 157, 92) }
```


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

```
.border{ border-color:rgb(0, 157, 92) }
```

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

Here you see how a box with a 4 pixel rgb(0, 157, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 92);  
box-shadow:4px 4px 4px 4px rgb(0, 157, 92)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.9887, 24.8866, 14.1915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 92) }
```

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

```
.background{ background-color: rgb(0, 157,  
92) }
```

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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