

Converting Colors

XYZ(14.8651, 26.4921, 4.3300)

Have a look what the booklet for
XYZ(14.8651, 26.4921, 4.3300)
contains.

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Color

**XYZ(14.9248, 26.6136,
4.3503)**

Conversions

Conversions Part 1

Format	Color
Hex	41A100
RGB	65, 161, 0
RGB Percent	25%, 63%, 0%
CMY	0.7451, 0.3686, 0.9999
CMYK	0.60, 0.00, 1.00, 0.37
HSL	96°, 100%, 32%
HSV	96°, 100%, 63%
XYZ	14.9248, 26.6136, 4.3503
YIQ	113.9420, -5.5350, -70.4230

Conversions

Conversions Part 2

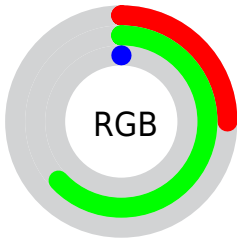
Format	Color
RYB	0, 161, 96
Decimal	4301056
CIELab	58.61, -51.87, 60.27
CIELCh	59, 79.518, 130.713
Yxy	26.6136, 0.3252, 0.5800
Android (android.graphics.Color)	4282491136 (0xFF41A100)
YUV	113.9420, -56.1734, -42.9221
Hunter-Lab	51.5884, -38.6386, 31.1121

Details

The XYZ color **14.9248, 26.6136, 4.3503** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **11.2593, 5.0614, 34.1033**, and the grayscale version is **16.1422, 16.9829, 18.4944**.

A 20% lighter version of the original color is **34.4400, 54.4536, 14.8263**, and **5.3626, 10.7251, 1.7875** is the 20% darker color. If you saturate the color by 10%, you get **14.9248, 26.6144, 4.3505**, and if you desaturate by 10%, it is **15.7103, 27.0085, 4.8798**.

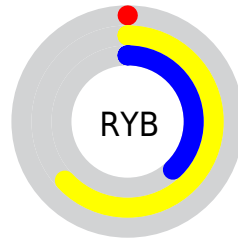
Distribution



Red (25%)

Green (63%)

Blue (0%)



Red (0%)

Yellow (63%)

Blue (38%)

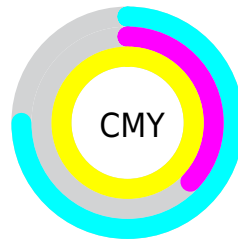


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (75%)


Magenta (37%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9248, 26.6136, 4.3503 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 14.9248, 26.6136, 4.3503 by changing the saturation by 10% instead.


 14.9248, 26.6136,
4.3503


 14.9248, 26.6136,
4.3503


216.3080,
285.7813, 152.0428


 8.8526, 17.2832,
1.8194


 34.2939, 54.2632,
14.8099


 4.7015, 10.4366,
0.4407


 48.3216, 73.3512,
23.5757


 2.1062, 5.6894,
0.0000


 65.7318, 96.4606,
35.2570

 0.6926, 2.6572,
0.0000

 86.8898, 123.9757,
50.2721


 0.0000, 0.9555,
0.0000


 112.1611,
156.2809, 69.0397


 0.0000, 0.0000,
0.0000


 141.9110,


193.7607, 91.9784


 176.5049,
236.7993, 119.5065


 14.9248, 26.6136,
4.3503


 14.9248, 26.6136,
4.3503


 14.9248, 26.6144,
4.3505

 15.7103, 27.0085,
4.8798

 16.6833, 27.4905,
5.8087

 17.8813, 28.0762,
7.3072

 19.3227, 28.7733,
9.4480

 21.0232, 29.5888,
12.2927

■ 22.9974, 30.5288,
15.8960

■ 25.2583, 31.5991,
20.3070

■ 27.8182, 32.8049,
25.5706

■ 30.6886, 34.1513,
31.7287

Harmonies

Analogous

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



21.9656, 26.6136, 1.7543



14.9248, 26.6136, 4.3503



11.3973, 26.6136, 14.6061

Triad

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



14.9248, 26.6136, 4.3503



19.5904, 26.6136, 115.0411



48.5722, 26.6136, 20.0929

Complementary

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



14.9248, 26.6136, 4.3503



11.2593, 5.0614, 34.1033

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.



47.4592, 26.6136, 50.5966



14.9248, 26.6136, 4.3503



28.9459, 26.6136, 120.3335

Square

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



14.9248, 26.6136, 4.3503



13.5725, 26.6136, 80.0570



39.6134, 26.6136, 91.7709



42.3490, 26.6136, 6.1603

Rectangle

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



14.9248, 26.6136, 4.3503



10.7904, 26.6136, 29.6513



39.6134, 26.6136, 91.7709



49.0769, 26.6136, 28.3143

Sweetspot

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



14.9254, 26.6147, 4.3509



44.9878, 56.4727, 35.8745



18.6947, 15.5694, 2.0203



9.5051, 12.2145, 7.1530



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



14.9254, 26.6147, 4.3509



26.5175, 47.5536, 7.7811



12.8211, 25.5212, 4.6458



7.2436, 8.0281, 7.5479



11.9632, 21.2777, 3.4765



0.3041, 0.4743, 0.0755

Inverse Universe

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



11.2593, 5.0614, 34.1033



19.9340, 8.9454, 61.0625



20.0115, 9.7028, 28.6642



7.0864, 7.0589, 8.8921



9.0384, 4.0659, 27.2382



0.2413, 0.1119, 0.5747

Previews

White Background



This preview shows how the XYZ color 14.9248, 26.6136, 4.3503 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 14.9248, 26.6136, 4.3503 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 14.9248, 26.6136, 4.3503

Background



This preview shows how black text looks on a background with the XYZ color 14.9248, 26.6136, 4.3503.



This preview shows how white text looks on a background with the XYZ color 14.9248, 26.6136,

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

14.9248, 26.6136, 4.3503

Protanopia

23.4786, 26.0253, 3.7859

Deuteranopia

26.5808, 26.1207, 5.1542



Tritanopia

21.7423, 26.6455, 38.1796

Trichromacy



Original Color

14.9248, 26.6136, 4.3503

Protanomaly

18.9021, 25.4649, 3.9190

Deuteranomaly

20.1206, 24.9371, 4.5119

Tritanomaly

17.4835, 25.8843, 16.9067

Monochromacy



Original Color

14.9248, 26.6136, 4.3503

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.1428, 19.2004, 9.2640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9248, 26.6136, 4.3503 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(65, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(65, 161, 0)  
}
```

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(65, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 161, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.9248, 26.6136, 4.3503 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(65, 161, 0) }
```


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

```
.border{ border-color:rgb(65, 161, 0) }
```

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

Here you see how a box with a 4 pixel rgb(65, 161, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(65, 161, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.9248, 26.6136, 4.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 161, 0) }
```

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

```
.background{ background-color: rgb(65, 161,  
0) }
```

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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