

Converting Colors

XYZ(14.3074, 24.1185, 11.4907)

Have a look what the booklet for
XYZ(14.3074, 24.1185, 11.4907)
contains.

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Color

**XYZ(14.3074, 24.1185,
11.4907)**

Conversions

Conversions Part 1

Format	Color
Hex	359950
RGB	53, 153, 80
RGB Percent	21%, 60%, 31%
CMY	0.7922, 0.4000, 0.6863
CMYK	0.65, 0.00, 0.48, 0.40
HSL	136°, 49%, 40%
HSV	136°, 65%, 60%
XYZ	14.3074, 24.1185, 11.4907
YIQ	114.7780, -36.1670, -43.9030

Conversions

Conversions Part 2

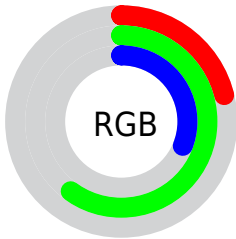
Format	Color
RYB	53, 132, 153
Decimal	3512656
CIELab	56.21, -45.26, 29.98
CIElCh	56, 54.286, 146.477
Yxy	24.1185, 0.2866, 0.4832
Android (android.graphics.Color)	4281702736 (0xFF359950)
YUV	114.7780, -17.1456, -54.1793
Hunter-Lab	49.1106, -33.9411, 20.5050

Details

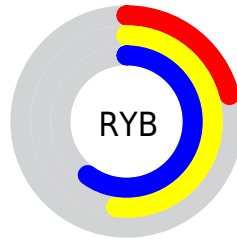
The XYZ color **14.3074, 24.1185, 11.4907** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **18.1766, 10.8253, 20.8709**, and the grayscale version is **16.2871, 17.1353, 18.6603**.

A 20% lighter version of the original color is **33.1407, 50.1030, 29.0432**, and **4.9282, 9.4172, 2.9968** is the 20% darker color. If you saturate the color by 10%, you get **13.2490, 23.6174, 9.4634**, and if you desaturate by 10%, it is **15.6924, 24.7815, 13.8925**.

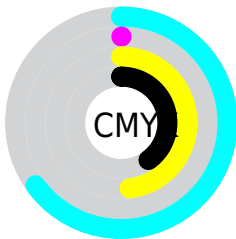
Distribution



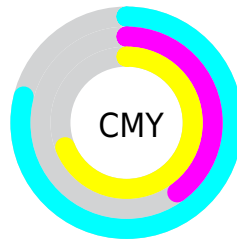
- Red (21%)
- Green (60%)
- Blue (31%)



- Red (21%)
- Yellow (52%)
- Blue (60%)



- Cyan (65%)
- Magenta (0%)
- Yellow (48%)
- Black (40%)





- Cyan (79%)
- Magenta (40%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3074, 24.1185, 11.4907 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 14.3074, 24.1185, 11.4907 by changing the saturation by 10% instead.


 14.3074, 24.1185,
11.4907


 14.3074, 24.1185,
11.4907


212.6074,
273.4190, 211.8606


 8.4179, 15.4215,
6.2796


 33.2152, 50.2235,
29.2144


 4.4175, 9.1158,
2.9443


 46.9642, 68.4003,
42.5642


 1.9410, 4.8168,
1.0663

 64.0638, 90.5059,
59.4639

 0.6005, 2.1402,
0.0000

 84.8793, 116.9247,
80.3321

 0.0000, 0.6871,
0.0000

 109.7760,
148.0410, 105.5873

 0.0000, 0.0000,
0.0000

139.1194,

184.2392, 135.6481

173.2748,
225.9037, 170.9330

■ 14.3074, 24.1185,
11.4907

■ 14.3074, 24.1185,
11.4907

■ 13.2490, 23.6174,
9.4634

■ 15.6924, 24.7815,
13.8925

■ 12.4867, 23.2606,
7.7899

■ 17.4275, 25.6159,
16.6849

■ 11.9835, 23.0303,
6.4499

■ 19.5360, 26.6343,
19.8849

■ 11.7974, 22.9456,
5.9336

■ 22.0387, 27.8468,
23.5080

■ 24.9547, 29.2632,
27.5690

■ 28.3019, 30.8923,
32.0820

■ 32.0972, 32.7426,
37.0601

■ 36.3565, 34.8220,
42.5164

■ 41.0949, 37.1381,
48.4632

Harmonies

Analogous

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



17.9809, 24.1185, 5.9514



14.3074, 24.1185, 11.4907



12.9146, 24.1185, 24.2063

Triad

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



14.3074, 24.1185, 11.4907



22.1948, 24.1185, 77.6386



35.4247, 24.1185, 13.7292

Complementary

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



14.3074, 24.1185, 11.4907



18.1766, 10.8253, 20.8709

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.



37.1019, 24.1185, 28.4287



14.3074, 24.1185, 11.4907



28.6987, 24.1185, 70.5755

Square

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



14.3074, 24.1185, 11.4907



16.9169, 24.1185, 66.5736



34.4487, 24.1185, 50.1690



30.2071, 24.1185, 6.7710

Rectangle

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



14.3074, 24.1185, 11.4907



13.2379, 24.1185, 37.2599



34.4487, 24.1185, 50.1690



36.4578, 24.1185, 17.6724

Sweetspot

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



14.3080, 24.1195, 11.4912



41.9648, 51.0811, 45.6090



20.6881, 27.5016, 7.5863



8.9760, 11.1382, 9.6647



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.



14.3080, 24.1195, 11.4912



23.0943, 41.9972, 15.6187



16.8670, 25.1431, 24.9669



6.1973, 6.9516, 6.9622



9.7624, 18.9684, 4.9693



0.1596, 0.2890, 0.1462

Inverse Universe

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



18.1766, 10.8253, 20.8709



30.5051, 16.3465, 33.4508



15.7267, 9.8454, 7.9702



6.3900, 6.2952, 7.4339



13.2747, 6.5641, 13.2373



0.2133, 0.1041, 0.2761

Previews

White Background



This preview shows how the XYZ color 14.3074, 24.1185, 11.4907 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 14.3074, 24.1185, 11.4907 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 14.3074, 24.1185, 11.4907

Background



This preview shows how black text looks on a background with the XYZ color 14.3074, 24.1185, 11.4907.



This preview shows how white text looks on a background with the XYZ color 14.3074, 24.1185,

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

14.3074, 24.1185, 11.4907

Protanopia

21.7603, 23.7343, 9.7376

Deuteranopia

24.0968, 23.6873, 12.1062



Tritanopia

18.9545, 23.8833, 35.0634

Trichromacy



Original Color

14.3074, 24.1185, 11.4907



Protanomaly

17.6394, 23.0823, 10.3631



Deuteranomaly

18.5719, 22.6690, 11.7842



Tritanomaly

16.7139, 23.6549, 24.1070

Monochromacy



Original Color

14.3074, 24.1185, 11.4907



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

14.6622, 18.9351, 15.4524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3074, 24.1185, 11.4907 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(53, 153, 80)` looks like.

```
.text, #text, p{  
    color:rgb(53, 153, 80)  
}
```

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(53, 153, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 153, 80) }
```

Border

The CSS property to change the border of an element to XYZ 14.3074, 24.1185, 11.4907 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(53, 153, 80) }
```


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

```
.border{ border-color:rgb(53, 153, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 153, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 153, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 153, 80);  
box-shadow:4px 4px 4px 4px rgb(53, 153,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3074, 24.1185, 11.4907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 153, 80) }
```

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

```
.background{ background-color: rgb(53, 153,  
80) }
```

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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