

Converting Colors

XYZ(14.0450, 18.3292, 15.2135)

Have a look what the booklet for
XYZ(14.0450, 18.3292, 15.2135)
contains.

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Color

**XYZ(14.0926, 18.4526,
15.1309)**

Conversions

Conversions Part 1

Format	Color
Hex	588065
RGB	88, 128, 101
RGB Percent	35%, 50%, 40%
CMY	0.6549, 0.4980, 0.6039
CMYK	0.31, 0.00, 0.21, 0.50
HSL	139°, 19%, 42%
HSV	139°, 31%, 50%
XYZ	14.0926, 18.4526, 15.1309
YIQ	112.9620, -15.1730, -16.8770

Conversions

Conversions Part 2

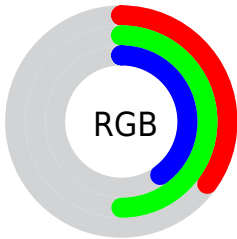
Format	Color
R_{YB}	88, 118, 128
Decimal	5800037
CIE _{Lab}	50.04, -20.02, 10.27
CIE _{LCh}	50, 22.499, 152.841
Yxy	18.4526, 0.2956, 0.3870
Android (android.graphics.Color)	4283990117 (0xFF588065)
YUV	112.9620, -5.8973, -21.8917
Hunter-Lab	42.9565, -16.6139, 9.1854

Details

The XYZ color **14.0926, 18.4526, 15.1309** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.4869, 12.8068, 17.8760**, and the grayscale version is **15.7053, 16.5232, 17.9937**.

A 20% lighter version of the original color is **32.8388, 40.8037, 35.8509**, and **4.3369, 6.3094, 4.4793** is the 20% darker color. If you saturate the color by 10%, you get **12.5845, 17.7220, 12.9656**, and if you desaturate by 10%, it is **15.8591, 19.3122, 17.5415**.

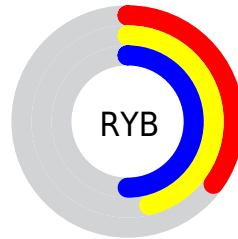
Distribution



Red (35%)

Green (50%)

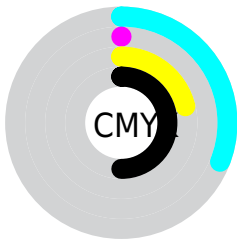
Blue (40%)



Red (35%)

Yellow (46%)

Blue (50%)

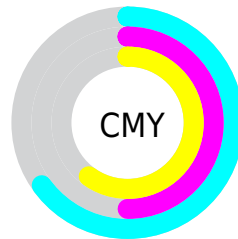


Cyan (31%)

Magenta (0%)

Yellow (21%)

Black (50%)



Cyan (65%)

Magenta (50%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0926, 18.4526, 15.1309 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 14.0926, 18.4526, 15.1309 by changing the saturation by 10% instead.

■ 14.0926, 18.4526,
15.1309

■ 14.0926, 18.4526,
15.1309

211.3052,
243.4099, 235.8252

■ 8.2672, 11.2754,
8.7637

■ 32.8381, 40.8070,
35.8282

■ 4.3197, 6.2524,
4.4926

■ 46.4890, 56.7531,
50.9953

■ 1.8845, 2.9992,
1.8993

■ 63.4791, 76.3909,
69.9329

■ 0.5678, 1.1313,
0.4923

■ 84.1738, 100.1048,
93.0593

■ 0.0000, 0.0045,
0.0000

■ 108.9384,
128.2793, 120.7932

■ 0.0000, 0.0000,
0.0000

138.1382,

161.2987, 153.5532

172.1387,
199.5474, 191.7576

■ 14.0926, 18.4526,
15.1309

■ 14.0926, 18.4526,
15.1309

■ 12.5845, 17.7220,
12.9656

■ 15.8591, 19.3122,
17.5415

■ 11.3206, 17.1119,
11.0366

■ 17.8939, 20.3045,
20.2035

■ 10.2880, 16.6161,
9.3361

■ 20.2087, 21.4355,
23.1243

■ 9.4717, 16.2272,
7.8556

■ 22.8135, 22.7105,
26.3108

■ 8.8548, 15.9367,
6.5858

■ 25.7183, 24.1344,
29.7695

■ 8.4179, 15.7346,
5.5169

■ 28.9322, 25.7119,
33.5067

■ 8.1303, 15.6033,
4.7365

■ 32.4642, 27.4473,
37.5285

■ 36.3228, 29.3450,
41.8408

■ 40.5161, 31.4091,
46.4493

Harmonies

Analogous

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



15.3786, 18.4526, 11.6545



14.0926, 18.4526, 15.1309



13.7044, 18.4526, 20.6879

Triad

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



14.0926, 18.4526, 15.1309



17.7456, 18.4526, 34.4892



21.2698, 18.4526, 14.3001

Complementary

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



14.0926, 18.4526, 15.1309



15.4869, 12.8068, 17.8760

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.



22.0287, 18.4526, 19.5071



14.0926, 18.4526, 15.1309



19.8920, 18.4526, 31.8515

Square

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



14.0926, 18.4526, 15.1309



15.7081, 18.4526, 32.6609



21.5051, 18.4526, 26.0333



19.5062, 18.4526, 11.2487

Rectangle

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



14.0926, 18.4526, 15.1309



13.9785, 18.4526, 25.0787



21.5051, 18.4526, 26.0333



21.6571, 18.4526, 15.8140

Sweetspot

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



14.0931, 18.4534, 15.1313



32.2960, 36.1344, 36.5834



16.5954, 19.8112, 12.1819



7.4469, 8.4042, 8.4190



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.0931, 18.4534, 15.1313



22.7473, 31.4873, 23.6949



15.1750, 18.8861, 20.8285



4.3292, 4.8400, 4.9047



8.0620, 15.4714, 4.6994



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.4869, 12.8068, 17.8760



25.6329, 19.7868, 29.3696



14.4730, 12.4013, 12.5372



4.4406, 4.3894, 5.1244



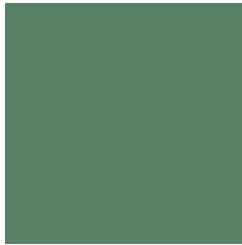
10.5093, 5.2234, 9.2716



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.0926, 18.4526, 15.1309 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 14.0926, 18.4526, 15.1309 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 14.0926, 18.4526, 15.1309

Background



This preview shows how black text looks on a background with the XYZ color 14.0926, 18.4526, 15.1309.



This preview shows how white text looks on a background with the XYZ color 14.0926, 18.4526,

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

14.0926, 18.4526, 15.1309

Protanopia

17.1939, 18.2370, 13.6802

Deuteranopia

18.5077, 18.1850, 15.6313



Tritanopia

16.0574, 18.4884, 24.9126

Trichromacy



Original Color

14.0926, 18.4526, 15.1309

Protanomaly

15.8462, 18.2457, 14.2419

Deuteranomaly

16.5162, 18.0245, 15.4405

Tritanomaly

15.1984, 18.3230, 20.8248

Monochromacy



Original Color

14.0926, 18.4526, 15.1309

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.9477, 17.0040, 16.9623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0926, 18.4526, 15.1309 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(88, 128, 101)` looks like.

```
.text, #text, p{  
    color:rgb(88, 128, 101)  
}
```

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(88, 128, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 128, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.0926, 18.4526, 15.1309 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(88, 128, 101) }
```


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

```
.border{ border-color:rgb(88, 128, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 128, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 128, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 128, 101);  
box-shadow:4px 4px 4px 4px rgb(88, 128,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0926, 18.4526, 15.1309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 128, 101) }
```

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

```
.background{ background-color: rgb(88, 128,  
101) }
```

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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