

Converting Colors

XYZ(14.6763, 17.9944, 10.9472)

Have a look what the booklet for
XYZ(14.6763, 17.9944, 10.9472)
contains.

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Color

**XYZ(14.7128, 18.1040,
10.9026)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7C53
RGB	106, 124, 83
RGB Percent	42%, 49%, 33%
CMY	0.5843, 0.5137, 0.6745
CMYK	0.15, 0.00, 0.33, 0.51
HSL	86°, 20%, 41%
HSV	86°, 33%, 49%
XYZ	14.7128, 18.1040, 10.9026
YIQ	113.9440, 2.4330, -16.5670

Conversions

Conversions Part 2

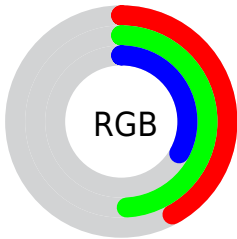
Format	Color
R_{YB}	83, 124, 101
Decimal	6978643
CIE _{Lab}	49.62, -14.39, 20.27
CIE _{LCh}	50, 24.856, 125.369
Yxy	18.1040, 0.3365, 0.4141
Android (android.graphics.Color)	4285168723 (0xFF6A7C53)
YUV	113.9440, -15.2554, -6.9669
Hunter-Lab	42.5488, -12.7375, 14.5918

Details

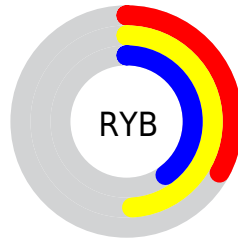
The XYZ color **14.7128, 18.1040, 10.9026** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.0990, 10.4090, 20.4413**, and the grayscale version is **16.0216, 16.8559, 18.3561**.

A 20% lighter version of the original color is **34.0563, 40.4068, 28.1946**, and **4.5949, 6.0653, 2.6788** is the 20% darker color. If you saturate the color by 10%, you get **13.6497, 17.6070, 8.5734**, and if you desaturate by 10%, it is **15.9035, 18.6580, 13.6856**.

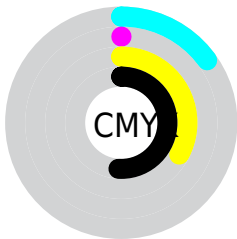
Distribution



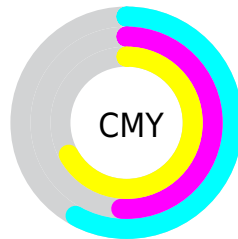
- Red (42%)
- Green (49%)
- Blue (33%)



- Red (33%)
- Yellow (49%)
- Blue (40%)



- Cyan (15%)
- Magenta (0%)
- Yellow (33%)
- Black (51%)



- Cyan (58%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7128, 18.1040, 10.9026 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 14.7128, 18.1040, 10.9026 by changing the saturation by 10% instead.

■ 14.7128, 18.1040,
10.9026

■ 14.7128, 18.1040,
10.9026

215.0443,
241.4566, 207.7115

■ 8.7031, 11.0247,
5.8880

■ 33.9244, 40.2145,
28.1138

■ 4.6036, 6.0834,
2.7094

■ 47.8569, 56.0144,
41.1475

■ 2.0489, 2.8959,
0.9482

■ 65.1611, 75.4900,
57.6914

■ 0.6612, 1.0776,
0.0000

■ 86.2023, 99.0256,
78.1639

■ 0.0000, 0.0000,
0.0000

■ 111.3459,
127.0057, 102.9836

140.9571,

159.8146, 132.5691

175.4015,
197.8368, 167.3389

■ 14.7128, 18.1040,
10.9026

■ 14.7128, 18.1040,
10.9026

■ 13.6497, 17.6070,
8.5734

■ 15.9035, 18.6580,
13.6856

■ 12.7077, 17.1624,
6.6727

■ 17.2255, 19.2688,
16.9435

■ 11.8812, 16.7687,
5.1747


■ 18.6839, 19.9391,
20.6976


■ 11.1641, 16.4232,
4.0500


■ 20.2831, 20.6706,
24.9674


■ 10.5492, 16.1229,
3.2655


■ 22.0273, 21.4653,
29.7715


 10.0280, 15.8644,
2.7805

 23.9205, 22.3247,
35.1274

 9.7018, 15.7017,
2.5194

 25.9666, 23.2504,
41.0520

 28.1691, 24.2441,
47.5614

 30.5318, 25.3072,
54.6710

Harmonies

Analogous

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



16.7864, 18.1040, 9.4003



14.7128, 18.1040, 10.9026



13.4043, 18.1040, 14.7781

Triad

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



14.7128, 18.1040, 10.9026



15.3850, 18.1040, 34.0373



22.1305, 18.1040, 18.5215

Complementary

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



14.7128, 18.1040, 10.9026



12.0990, 10.4090, 20.4413

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.



21.6691, 18.1040, 25.6379



14.7128, 18.1040, 10.9026



17.6352, 18.1040, 35.6826

Square

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



14.7128, 18.1040, 10.9026



13.7669, 18.1040, 28.2291



19.9689, 18.1040, 32.3176



21.1779, 18.1040, 13.1078

Rectangle

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



14.7128, 18.1040, 10.9026



13.0702, 18.1040, 18.6816



19.9689, 18.1040, 32.3176



22.1365, 18.1040, 20.7799

Sweetspot

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



14.7133, 18.1048, 10.9030



31.0123, 34.2296, 31.5930



14.5053, 14.1724, 10.1549



7.2355, 8.0301, 7.2667



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.7133, 18.1048, 10.9030



24.3969, 31.1599, 15.8893



12.5828, 17.0065, 10.8033



4.1458, 4.5505, 4.2843



9.8593, 15.9599, 2.5609



46.0392, 75.6195, 12.1695

Inverse Universe

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



12.0990, 10.4090, 20.4413



19.0207, 15.3283, 35.5128



14.6546, 11.7265, 20.5609



3.9491, 3.9716, 5.0016



5.2666, 2.2878, 19.5493



24.1784, 10.4264, 93.2079

Previews

White Background



This preview shows how the XYZ color 14.7128, 18.1040, 10.9026 looks on a white 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

Black Background



This preview shows how the XYZ color 14.7128, 18.1040, 10.9026 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 14.7128, 18.1040, 10.9026

Background



This preview shows how black text looks on a background with the XYZ color 14.7128, 18.1040, 10.9026.



This preview shows how white text looks on a background with the XYZ color 14.7128, 18.1040,

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

14.7128, 18.1040, 10.9026

Protanopia

16.6788, 18.0481, 10.1940

Deuteranopia

18.3600, 18.0416, 11.1090



Tritanopia

17.0568, 17.9601, 22.9897

Trichromacy



Original Color

14.7128, 18.1040, 10.9026

Protanomaly

15.8094, 17.9490, 10.4158

Deuteranomaly

16.8636, 17.9519, 10.9638

Tritanomaly

16.0715, 17.9178, 17.9407

Monochromacy



Original Color

14.7128, 18.1040, 10.9026

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.4822, 17.3156, 15.3582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7128, 18.1040, 10.9026 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(106, 124, 83)` looks like.

```
.text, #text, p{  
    color:rgb(106, 124, 83)  
}
```

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(106, 124, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 124, 83) }
```

Border

The CSS property to change the border of an element to XYZ 14.7128, 18.1040, 10.9026 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(106, 124, 83) }
```


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

```
.border{ border-color:rgb(106, 124, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 124, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 124, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 124, 83);  
box-shadow:4px 4px 4px 4px rgb(106, 124,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7128, 18.1040, 10.9026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 124, 83) }
```

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

```
.background{ background-color: rgb(106,  
124, 83) }
```

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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