

Converting Colors

XYZ(14.7115, 18.0283, 30.5468)

Have a look what the booklet for
XYZ(14.7115, 18.0283, 30.5468)
contains.

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Color

**XYZ(14.7306, 18.0519,
30.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	3D7E94
RGB	61, 126, 148
RGB Percent	24%, 49%, 58%
CMY	0.7608, 0.5059, 0.4196
CMYK	0.59, 0.15, 0.00, 0.42
HSL	195°, 42%, 41%
HSV	195°, 59%, 58%
XYZ	14.7306, 18.0519, 30.7250
YIQ	109.0730, -45.8020, -6.9380

Conversions

Conversions Part 2

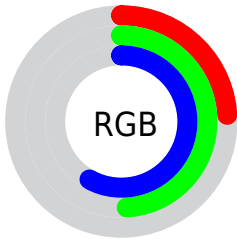
Format	Color
R_{YB}	61, 98, 148
Decimal	4030100
CIE _{Lab}	49.56, -14.01, -18.15
CIE _{LCh}	50, 22.926, 232.338
Yxy	18.0519, 0.2320, 0.2842
Android (android.graphics.Color)	4282220180 (0xFF3D7E94)
YUV	109.0730, 19.1910, -42.1600
Hunter-Lab	42.4875, -12.4665, -13.1345

Details

The XYZ color **14.7306, 18.0519, 30.7250** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **16.1488, 12.8199, 6.0388**, and the grayscale version is **14.5136, 15.2695, 16.6285**.

A 20% lighter version of the original color is **33.9832, 40.2175, 61.8488**, and **4.8115, 6.1708, 12.2468** is the 20% darker color. If you saturate the color by 10%, you get **13.4727, 16.7066, 30.5320**, and if you desaturate by 10%, it is **16.2590, 19.5640, 30.9366**.

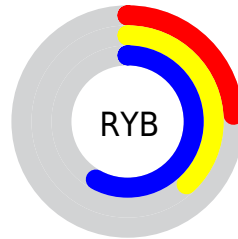
Distribution



Red (24%)

Green (49%)

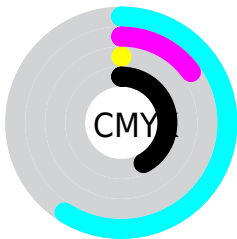
Blue (58%)



Red (24%)

Yellow (38%)

Blue (58%)

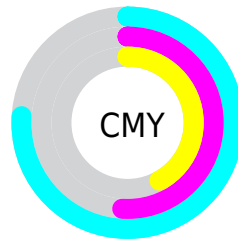


Cyan (59%)

Magenta (15%)

Yellow (0%)

Black (42%)



Cyan (76%)

Magenta (51%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7306, 18.0519, 30.7250 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 14.7306, 18.0519, 30.7250 by changing the saturation by 10% instead.

■ 14.7306, 18.0519,
30.7250

■ 14.7306, 18.0519,
30.7250

215.1506,
241.1634, 319.5813

■ 8.7156, 10.9873,
20.1328

■ 33.9554, 40.1257,
61.8813

■ 4.6118, 6.0583,
12.3066

■ 47.8960, 55.9037,
83.2826

■ 2.0537, 2.8805,
6.8278

■ 65.2091, 75.3550,
109.1240

■ 0.6639, 1.0697,
3.2778

■ 86.2601, 98.8638,
139.8240

■ 0.0000, 0.0000,
1.2382

■ 111.4145,
126.8147, 175.8012

■ 0.0000, 0.0000,
0.0103

141.0374,

■ 0.0000, 0.0000,

159.5920, 217.4741

0.0000

175.4944,
197.5801, 265.2613

■ 14.7306, 18.0519,
30.7250

■ 14.7306, 18.0519,
30.7250

■ 13.4727, 16.7066,
30.5320

■ 16.2590, 19.5640,
30.9366

■ 12.4622, 15.5147,
30.3552

■ 18.0752, 21.2509,
31.1665

■ 11.6745, 14.4638,
30.1938

■ 20.1970, 23.1226,
31.4160

■ 11.0559, 13.5256,
30.0454

■ 22.6402, 25.1873,
31.6857

■ 10.9836, 13.4146,
30.0277

■ 25.4196, 27.4531,
31.9766

■ 28.5489, 29.9271,
32.2892

■ 32.0410, 32.6165,
32.6242

■ 35.9082, 35.5277,
32.9823

■ 40.1623, 38.6670,
33.3641

Harmonies

Analogous

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



13.5777, 18.0519, 24.5606



14.7306, 18.0519, 30.7250



16.6070, 18.0519, 34.0511

Triad

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



14.7306, 18.0519, 30.7250



21.6383, 18.0519, 21.2935



15.6190, 18.0519, 10.5386

Complementary

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



14.7306, 18.0519, 30.7250



16.1488, 12.8199, 6.0388

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.



17.7206, 18.0519, 10.0252



14.7306, 18.0519, 30.7250



21.3176, 18.0519, 15.4512

Square

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



14.7306, 18.0519, 30.7250



20.6806, 18.0519, 27.9060



19.8379, 18.0519, 11.6264



14.0596, 18.0519, 13.2161

Rectangle

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



14.7306, 18.0519, 30.7250



18.0657, 18.0519, 33.8072



19.8379, 18.0519, 11.6264



16.2808, 18.0519, 10.1338

Sweetspot

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



14.7312, 18.0526, 30.7254



40.1418, 44.6026, 55.9281



14.0666, 22.7931, 11.7919



8.8852, 9.9502, 12.7371



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.7312, 18.0526, 30.7254



23.0748, 28.6825, 53.7547



10.3445, 9.2792, 29.2632



5.8412, 6.3164, 7.3811



9.4040, 11.5029, 25.6557



0.1386, 0.1878, 0.3218

Inverse Universe

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



17.6479, 11.1403, 20.9595



29.0154, 16.3167, 33.4796



20.5484, 21.6191, 7.5053



5.9733, 5.8844, 6.9656



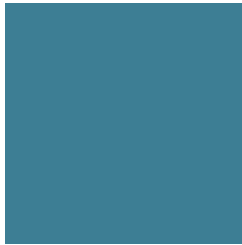
12.8738, 6.3546, 13.3483



0.1694, 0.0825, 0.2258

Previews

White Background



This preview shows how the XYZ color 14.7306, 18.0519, 30.7250 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 14.7306, 18.0519, 30.7250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

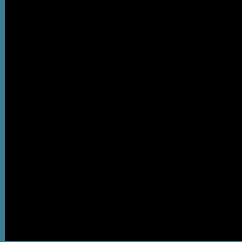
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7306, 18.0519, 30.7250

Background



This preview shows how black text looks on a background with the XYZ color 14.7306, 18.0519, 30.7250.



This preview shows how white text looks on a background with the XYZ color 14.7306, 18.0519,

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

14.7306, 18.0519, 30.7250

Protanopia

17.7352, 17.8586, 27.7116

Deuteranopia

18.1913, 17.8430, 31.3394



Tritanopia

13.9940, 18.1432, 26.8092

Trichromacy



Original Color

14.7306, 18.0519, 30.7250

Protanomaly

16.2647, 17.7737, 28.9590

Deuteranomaly

16.5358, 17.6907, 30.9769

Tritanomaly

14.2168, 18.0313, 28.3223

Monochromacy



Original Color

14.7306, 18.0519, 30.7250

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.1195, 15.9668, 21.0766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7306, 18.0519, 30.7250 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(61, 126, 148)` looks like.

```
.text, #text, p{  
    color:rgb(61, 126, 148)  
}
```

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(61, 126, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 126, 148) }
```

Border

The CSS property to change the border of an element to XYZ 14.7306, 18.0519, 30.7250 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(61, 126, 148) }
```


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

```
.border{ border-color:rgb(61, 126, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 126, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 126, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 126, 148);  
box-shadow:4px 4px 4px 4px rgb(61, 126,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7306, 18.0519, 30.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 126, 148) }
```

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

```
.background{ background-color: rgb(61, 126,  
148) }
```

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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