

Converting Colors

XYZ(14.7330, 19.3820, 33.1016)

Have a look what the booklet for
XYZ(14.7330, 19.3820, 33.1016)
contains.

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Color

**XYZ(14.7330, 19.3820,
33.1016)**

Conversions

Conversions Part 1

Format	Color
Hex	208599
RGB	32, 133, 153
RGB Percent	13%, 52%, 60%
CMY	0.8745, 0.4784, 0.4000
CMYK	0.79, 0.13, 0.00, 0.40
HSL	190°, 65%, 36%
HSV	190°, 79%, 60%
XYZ	14.7330, 19.3820, 33.1016
YIQ	105.0810, -66.6160, -15.1920

Conversions

Conversions Part 2

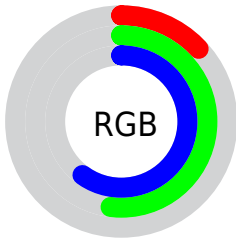
Format	Color
R_{YB}	32, 87, 153
Decimal	2131353
CIE _{Lab}	51.13, -20.77, -18.74
CIE _{LCh}	51, 27.973, 222.055
Yxy	19.3820, 0.2192, 0.2884
Android (android.graphics.Color)	4280321433 (0xFF208599)
YUV	105.0810, 23.6241, -64.0920
Hunter-Lab	44.0250, -17.3086, -13.7616

Details

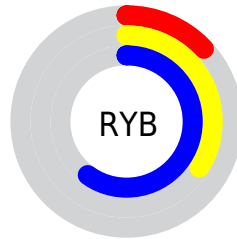
The XYZ color **14.7330, 19.3820, 33.1016** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.6264, 9.3337, 2.3981**, and the grayscale version is **13.4013, 14.0992, 15.3540**.

A 20% lighter version of the original color is **33.8584, 42.2195, 65.3961**, and **5.4915, 7.1458, 13.6602** is the 20% darker color. If you saturate the color by 10%, you get **14.0215, 18.5077, 32.9707**, and if you desaturate by 10%, it is **15.6748, 20.3881, 33.2465**.

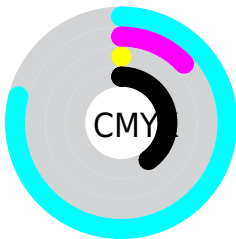
Distribution



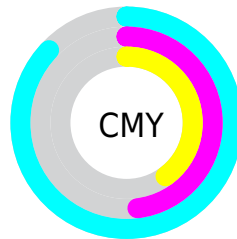
- Red (13%)
- Green (52%)
- Blue (60%)



- Red (13%)
- Yellow (34%)
- Blue (60%)



- Cyan (79%)
- Magenta (13%)
- Yellow (0%)
- Black (40%)



- Cyan (87%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7330, 19.3820, 33.1016 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 14.7330, 19.3820, 33.1016 by changing the saturation by 10% instead.

■ 14.7330, 19.3820,
33.1016

■ 14.7330, 19.3820,
33.1016

■ 215.1650,
248.5496, 330.7533

■ 8.7173, 11.9466,
21.9325

■ 33.9596, 42.3786,
65.6520

■ 4.6129, 6.7073,
13.6095

■ 47.9012, 58.7086,
87.8703

■ 2.0544, 3.2798,
7.7139

■ 65.2156, 78.7723,
114.6089

■ 0.6642, 1.2795,
3.8273

■ 86.2679, 102.9540,
146.2862

■ 0.0000, 0.1252,
1.5311

■ 111.4237,
131.6383, 183.3207

■ 0.0000, 0.0000,
0.2409

■ 141.0482,

■ 0.0000, 0.0000,

165.2093, 226.1311

0.0000

175.5069,
204.0516, 275.1358

■ 14.7330, 19.3820,
33.1016

■ 14.7330, 19.3820,
33.1016

■ 14.0215, 18.5077,
32.9707

■ 15.6748, 20.3881,
33.2465

■ 13.4793, 17.7326,
32.8497

■ 16.8721, 21.5381,
33.4054

■ 13.4312, 17.6627,
32.8387

■ 18.3489, 22.8447,
33.5798

■ 20.1258, 24.3185,
33.7706

■ 22.2213, 25.9694,
33.9788

■ 24.6525, 27.8062,
34.2052

■ 27.4354, 29.8371,
34.4505

■ 30.5846, 32.0698,
34.7155

■ 34.1142, 34.5116,
35.0008

Harmonies

Analogous

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



13.6756, 19.3820, 24.4632



14.7330, 19.3820, 33.1016



16.8244, 19.3820, 39.2636

Triad

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



14.7330, 19.3820, 33.1016



23.9865, 19.3820, 26.1778



17.3286, 19.3820, 9.3982

Complementary

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



14.7330, 19.3820, 33.1016



14.6264, 9.3337, 2.3981

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.



20.1176, 19.3820, 9.6375



14.7330, 19.3820, 33.1016



24.1564, 19.3820, 18.0667

Square

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



14.7330, 19.3820, 33.1016



22.2375, 19.3820, 34.6254



22.6805, 19.3820, 12.4242



15.0700, 19.3820, 11.6594

Rectangle

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



14.7330, 19.3820, 33.1016



18.6142, 19.3820, 40.3853



22.6805, 19.3820, 12.4242



18.2311, 19.3820, 9.2084

Sweetspot

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



14.7336, 19.3827, 33.1021



41.7230, 47.9795, 61.0339



12.5666, 23.3217, 6.8750



8.9074, 10.3617, 13.4480



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.



14.7336, 19.3827, 33.1021



24.3627, 32.0651, 58.8771



8.8186, 7.5527, 31.1304



6.2977, 6.8527, 7.9197



11.1212, 14.6390, 27.1472



0.1867, 0.2596, 0.4126

Inverse Universe

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



17.8876, 9.4996, 23.0817



30.6714, 15.1590, 38.1923



19.0448, 18.1704, 3.8708



6.4174, 6.3061, 7.5779



14.0722, 6.8831, 17.4371



0.2207, 0.1070, 0.3149

Previews

White Background



This preview shows how the XYZ color 14.7330, 19.3820, 33.1016 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 14.7330, 19.3820, 33.1016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

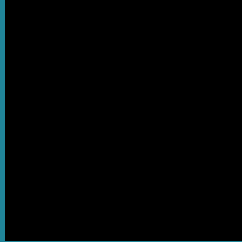
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.7330, 19.3820, 33.1016

Background



This preview shows how black text looks on a background with the XYZ color 14.7330, 19.3820, 33.1016.

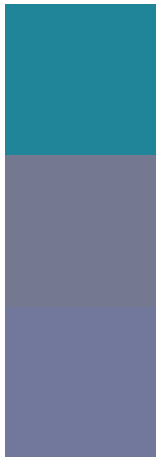


This preview shows how white text looks on a background with the XYZ color 14.7330, 19.3820,

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

14.7330, 19.3820, 33.1016

Protanopia

18.9530, 19.1596, 29.0848

Deuteranopia

19.5370, 19.1714, 34.1232



Tritanopia

13.9893, 19.2767, 29.7715

Trichromacy



Original Color

14.7330, 19.3820, 33.1016

Protanomaly

16.3464, 18.7051, 30.3527

Deuteranomaly

16.7802, 18.6667, 33.7290

Tritanomaly

14.2964, 19.4079, 31.0096

Monochromacy



Original Color

14.7330, 19.3820, 33.1016

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

12.7855, 15.2863, 20.6890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7330, 19.3820, 33.1016 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(32, 133, 153)` looks like.

```
.text, #text, p{  
    color:rgb(32, 133, 153)  
}
```

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(32, 133, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 133, 153) }
```

Border

The CSS property to change the border of an element to XYZ 14.7330, 19.3820, 33.1016 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(32, 133, 153) }
```


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

```
.border{ border-color:rgb(32, 133, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 133, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 133, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 133, 153);  
box-shadow:4px 4px 4px 4px rgb(32, 133,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7330, 19.3820, 33.1016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 133, 153) }
```

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

```
.background{ background-color: rgb(32, 133,  
153) }
```

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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