

Converting Colors

XYZ(14.2804, 18.3567, 19.4652)

Have a look what the booklet for
XYZ(14.2804, 18.3567, 19.4652)
contains.

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Color

**XYZ(14.3512, 18.4931,
19.3361)**

Conversions

Conversions Part 1

Format	Color
Hex	528074
RGB	82, 128, 116
RGB Percent	32%, 50%, 45%
CMY	0.6784, 0.4980, 0.5451
CMYK	0.36, 0.00, 0.09, 0.50
HSL	164°, 22%, 41%
HSV	164°, 36%, 50%
XYZ	14.3512, 18.4931, 19.3361
YIQ	112.8780, -23.5640, -13.4840

Conversions

Conversions Part 2

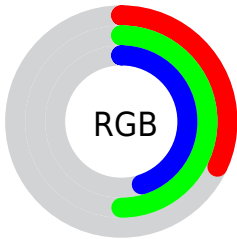
Format	Color
R_{YB}	82, 108, 128
Decimal	5406836
CIE _{Lab}	50.09, -18.62, 1.53
CIE _{LCh}	50, 18.680, 175.305
Y _{xy}	18.4931, 0.2750, 0.3544
Android (android.graphics.Color)	4283596916 (0xFF528074)
YUV	112.8780, 1.5391, -27.0800
Hunter-Lab	43.0036, -15.6871, 3.4434

Details

The XYZ color **14.3512, 18.4931, 19.3361** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.9404, 11.4324, 12.0623**, and the grayscale version is **15.6608, 16.4764, 17.9428**.

A 20% lighter version of the original color is **33.2646, 40.8614, 43.1796**, and **4.4666, 6.3327, 6.4558** is the 20% darker color. If you saturate the color by 10%, you get **13.1496, 17.8962, 18.2843**, and if you desaturate by 10%, it is **15.7685, 19.2014, 20.4353**.

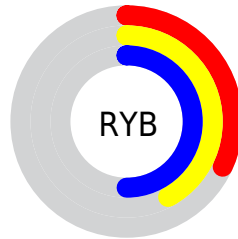
Distribution



Red (32%)

Green (50%)

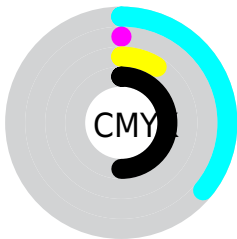
Blue (45%)



Red (32%)

Yellow (42%)

Blue (50%)

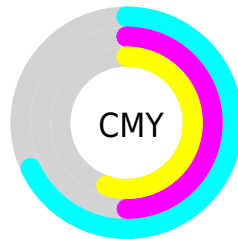


Cyan (36%)

Magenta (0%)

Yellow (9%)

Black (50%)



Cyan (68%)

Magenta (50%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3512, 18.4931, 19.3361 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 14.3512, 18.4931, 19.3361 by changing the saturation by 10% instead.

■ 14.3512, 18.4931,
19.3361

■ 14.3512, 18.4931,
19.3361

212.8720,
243.6359, 260.7823

■ 8.4487, 11.3046,
11.7341

■ 33.2920, 40.8758,
43.1455

■ 4.4376, 6.2721,
6.4426

■ 47.0609, 56.8387,
60.1900

■ 1.9525, 3.0112,
3.0429

■ 64.1827, 76.4953,
81.2191

■ 0.6071, 1.1376,
1.1166

■ 85.0228, 100.2298,
106.6513

■ 0.0000, 0.0098,
0.0000

■ 109.9463,
128.4268, 136.9052

■ 0.0000, 0.0000,
0.0000

139.3188,

161.4705, 172.3993

173.5056,
199.7454, 213.5521

■ 14.3512, 18.4931,
19.3361

■ 14.3512, 18.4931,
19.3361

■ 13.1496, 17.8962,
18.2843

■ 15.7685, 19.2014,
20.4353

■ 12.1506, 17.4024,
17.2776

■ 17.4107, 20.0243,
21.5815

■ 11.3417, 17.0059,
16.3155

■ 19.2883, 20.9677,
22.7758

■ 10.7088, 16.6993,
15.3970

■ 21.4107, 22.0366,
24.0193

■ 10.2356, 16.4742,
14.5209

■ 23.7869, 23.2353,
25.3125

■ 9.8942, 16.3164,
13.6854

■ 26.4251, 24.5684,
26.6562

■ 9.7672, 16.2581,
13.3564

■ 29.3336, 26.0399,
28.0512

■ 32.5199, 27.6538,
29.4982

■ 35.9915, 29.4139,
30.9978

Harmonies

Analogous

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



14.8846, 18.4931, 15.0086



14.3512, 18.4931, 19.3361



14.6327, 18.4931, 24.6723

Triad

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



14.3512, 18.4931, 19.3361



19.0970, 18.4931, 30.4811



19.6198, 18.4931, 13.0418

Complementary

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



14.3512, 18.4931, 19.3361



13.9404, 11.4324, 12.0623

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.



20.8922, 18.4931, 16.1926



14.3512, 18.4931, 19.3361



20.5762, 18.4931, 26.3151

Square

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



14.3512, 18.4931, 19.3361



17.2956, 18.4931, 31.7061



21.2535, 18.4931, 20.9573



17.8617, 18.4931, 11.7908

Rectangle

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



14.3512, 18.4931, 19.3361



15.2556, 18.4931, 28.0278



21.2535, 18.4931, 20.9573



20.1231, 18.4931, 13.8847

Sweetspot

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



14.3517, 18.4938, 19.3365



32.1489, 36.0056, 38.9704



13.8862, 18.4421, 10.8107



7.4419, 8.3872, 9.0695



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.



14.3517, 18.4938, 19.3365



23.5347, 31.6981, 32.5456



13.7689, 16.1378, 22.8121



4.4000, 4.8683, 5.2777



9.6851, 16.1206, 13.2463



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.9404, 11.4324, 12.0623



22.7035, 17.3645, 17.7992



14.3166, 12.9809, 9.7339



4.3703, 4.3613, 4.7543



9.1053, 4.6618, 1.8783



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.3512, 18.4931, 19.3361 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 14.3512, 18.4931, 19.3361 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 14.3512, 18.4931, 19.3361

Background



This preview shows how black text looks on a background with the XYZ color 14.3512, 18.4931, 19.3361.



This preview shows how white text looks on a background with the XYZ color 14.3512, 18.4931,

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

14.3512, 18.4931, 19.3361

Protanopia

17.5161, 18.3155, 17.6510

Deuteranopia

18.6664, 18.3392, 20.0088



Tritanopia

15.6373, 18.4427, 25.6573

Trichromacy



Original Color

14.3512, 18.4931, 19.3361

Protanomaly

16.1245, 18.2995, 18.3051

Deuteranomaly

16.7965, 18.2517, 19.7772

Tritanomaly

15.1034, 18.4115, 23.1798

Monochromacy



Original Color

14.3512, 18.4931, 19.3361

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.9952, 16.9966, 18.4099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3512, 18.4931, 19.3361 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(82, 128, 116)` looks like.

```
.text, #text, p{  
    color:rgb(82, 128, 116)  
}
```

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(82, 128, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 128, 116) }
```

Border

The CSS property to change the border of an element to XYZ 14.3512, 18.4931, 19.3361 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(82, 128, 116) }
```


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

```
.border{ border-color:rgb(82, 128, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 128, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 128, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 128, 116);  
box-shadow:4px 4px 4px 4px rgb(82, 128,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3512, 18.4931, 19.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 128, 116) }
```

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

```
.background{ background-color: rgb(82, 128,  
116) }
```

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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