

Converting Colors

XYZ(19.1923, 20.1211, 14.8692)

Have a look what the booklet for
XYZ(19.1923, 20.1211, 14.8692)
contains.

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Color

**XYZ(19.2147, 20.1544,
14.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	867B64
RGB	134, 123, 100
RGB Percent	53%, 48%, 39%
CMY	0.4745, 0.5176, 0.6078
CMYK	0.00, 0.08, 0.25, 0.47
HSL	41°, 15%, 46%
HSV	41°, 25%, 53%
XYZ	19.2147, 20.1544, 14.9340
YIQ	123.6670, 13.9390, -4.8210

Conversions

Conversions Part 2

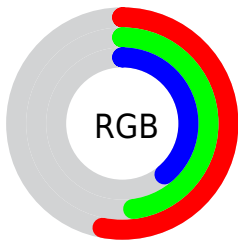
Format	Color
R_{YB}	116, 134, 100
Decimal	8813412
CIE _{Lab}	52.01, 0.30, 14.12
CIE _{LCh}	52, 14.122, 88.789
Yxy	20.1544, 0.3538, 0.3711
Android (android.graphics.Color)	4287003492 (0xFF867B64)
YUV	123.6670, -11.6678, 9.0620
Hunter-Lab	44.8937, -2.1650, 11.7026

Details

The XYZ color **19.2147, 20.1544, 14.9340** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2428, 15.7988, 24.8003**, and the grayscale version is **19.0822, 20.0759, 21.8627**.

A 20% lighter version of the original color is **41.6549, 43.5857, 35.4956**, and **6.7475, 7.0394, 4.3713** is the 20% darker color. If you saturate the color by 10%, you get **18.0931, 18.8652, 11.6193**, and if you desaturate by 10%, it is **20.4678, 21.5358, 18.8194**.

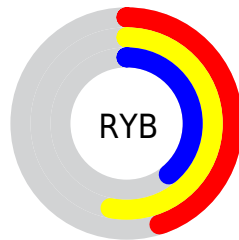
Distribution



Red (53%)

Green (48%)

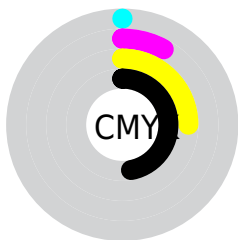
Blue (39%)



Red (45%)

Yellow (53%)

Blue (39%)

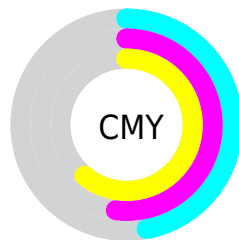


Cyan (0%)

Magenta (8%)

Yellow (25%)

Black (47%)



Cyan (47%)

Magenta (52%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2147, 20.1544, 14.9340 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 19.2147, 20.1544, 14.9340 by changing the saturation by 10% instead.

■ 19.2147, 20.1544,
14.9340

■ 19.2147, 20.1544,
14.9340

240.5469,
252.7497, 234.5934

■ 11.9304, 12.5073,
8.6270

■ 41.6106, 43.6759,
35.4780

■ 6.7682, 7.0902,
4.4052

■ 57.4531, 60.3191,
50.5521

■ 3.3626, 3.5186,
1.8502

■ 76.8789, 80.7298,
69.3856

■ 1.3483, 1.4081,
0.4607

■ 100.2535,
105.2924, 92.3971

■ 0.2189, 0.2227,
0.0000

127.9423,
134.3913, 120.0050

■ 0.0000, 0.0000,
0.0000

160.3105,

168.4109, 152.6280

197.7236,
207.7356, 190.6847

■ 19.2147, 20.1544,
14.9340

■ 19.2147, 20.1544,
14.9340

■ 18.0931, 18.8652,
11.6193

■ 20.4678, 21.5358,
18.8194

■ 17.0961, 17.6626,
8.8465

■ 21.8561, 23.0090,
23.2999

■ 16.2180, 16.5448,
6.5861

■ 23.3849, 24.5776,
28.4001

■ 15.4525, 15.5086,
4.8054

■ 25.0588, 26.2436,
34.1426

■ 14.7923, 14.5506,
3.4678

■ 26.8822, 28.0094,
40.5491

■ 14.2290, 13.6669,
2.5314

■ 28.8592, 29.8771,
47.6402

■ 13.7506, 12.8522,
1.9341

■ 30.9939, 31.8486,
55.4356

■ 13.5437, 12.4927,
1.6975

■ 33.2900, 33.9261,
63.9541

■ 35.7514, 36.1112,
73.2139

Harmonies

Analogous

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



20.6268, 20.1544, 15.8381



19.2147, 20.1544, 14.9340



17.8536, 20.1544, 15.7037

Triad

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



19.2147, 20.1544, 14.9340



16.8309, 20.1544, 25.9888



21.6228, 20.1544, 26.3149

Complementary

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



19.2147, 20.1544, 14.9340



15.2428, 15.7988, 24.8003

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.



20.5206, 20.1544, 29.6525



19.2147, 20.1544, 14.9340



17.7571, 20.1544, 29.4483

Square

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



19.2147, 20.1544, 14.9340



16.5195, 20.1544, 21.7776



19.0977, 20.1544, 30.8643



22.0594, 20.1544, 22.1126

Rectangle

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



19.2147, 20.1544, 14.9340



17.1480, 20.1544, 17.1246



19.0977, 20.1544, 30.8643



21.3152, 20.1544, 27.5937

Sweetspot

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



19.2152, 20.1553, 14.9344



37.7980, 39.7952, 38.7307



17.2764, 15.3379, 17.1854



8.4410, 8.8868, 8.4838



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.2152, 20.1553, 14.9344



32.7820, 34.2903, 23.1025



19.7777, 22.5854, 15.3738



4.9161, 5.1758, 4.9693



12.7024, 11.7274, 1.5941



0.0506, 0.0539, 0.0077

Inverse Universe

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



15.2428, 15.7988, 24.8003



24.6380, 25.3608, 43.3350



14.7647, 13.8796, 24.4551



4.5484, 4.7724, 5.8822



4.8628, 3.2733, 21.5122



0.0229, 0.0235, 0.0766

Previews

White Background



This preview shows how the XYZ color 19.2147, 20.1544, 14.9340 looks on a white background.

Color Contrast Check

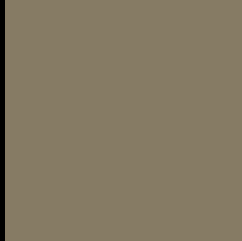
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2147, 20.1544, 14.9340 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

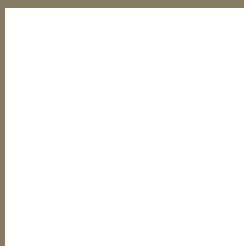
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2147, 20.1544, 14.9340

Background



This preview shows how black text looks on a background with the XYZ color 19.2147, 20.1544, 14.9340.

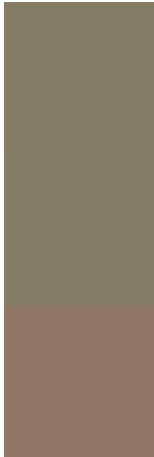


This preview shows how white text looks on a background with the XYZ color 19.2147, 20.1544,

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

19.2147, 20.1544, 14.9340

Protanopia

19.0236, 20.2409, 14.9608

Deuteranopia

20.4474, 20.0625, 15.1067



Tritanopia

20.8096, 20.0705, 23.1993

Trichromacy



Original Color

19.2147, 20.1544, 14.9340

Protanomaly

19.1808, 20.3219, 14.9682

Deuteranomaly

19.8807, 19.9480, 15.1144

Tritanomaly

20.1398, 19.9752, 19.9337

Monochromacy



Original Color

19.2147, 20.1544, 14.9340

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.2043, 20.2423, 19.1146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2147, 20.1544, 14.9340 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(134, 123, 100)` looks like.

```
.text, #text, p{  
    color:rgb(134, 123, 100)  
}
```

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(134, 123, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 123, 100) }
```

Border

The CSS property to change the border of an element to XYZ 19.2147, 20.1544, 14.9340 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(134, 123, 100) }
```


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

```
.border{ border-color:rgb(134, 123, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 123, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 123, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 123, 100);  
box-shadow:4px 4px 4px 4px rgb(134, 123,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2147, 20.1544, 14.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 123, 100) }
```

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

```
.background{ background-color: rgb(134,  
123, 100) }
```

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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