

Converting Colors

XYZ(19.3896, 19.3635, 5.7482)

Have a look what the booklet for
XYZ(19.3896, 19.3635, 5.7482)
contains.

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Color

**XYZ(19.3314, 19.3424,
5.7322)**

Conversions

Conversions Part 1

Format	Color
Hex	957532
RGB	149, 117, 50
RGB Percent	58%, 46%, 20%
CMY	0.4157, 0.5412, 0.8039
CMYK	0.00, 0.21, 0.66, 0.42
HSL	41°, 50%, 39%
HSV	41°, 66%, 58%
XYZ	19.3314, 19.3424, 5.7322
YIQ	118.9300, 40.5790, -14.0530

Conversions

Conversions Part 2

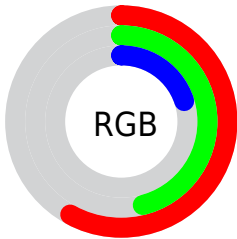
Format	Color
R_{YB}	97, 149, 50
Decimal	9794866
CIE Lab	51.09, 4.88, 40.71
CIE LCh	51, 40.998, 83.161
Yxy	19.3424, 0.4353, 0.4356
Android (android.graphics.Color)	4287984946 (0xFF957532)
YUV	118.9300, -33.9825, 26.3714
Hunter-Lab	43.9800, 1.4947, 23.0583

Details

The XYZ color **19.3314, 19.3424, 5.7322** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.7574, 8.8823, 29.6337**, and the grayscale version is **17.6080, 18.5250, 20.1737**.

A 20% lighter version of the original color is **41.8937, 42.3986, 17.7801**, and **6.8474, 6.6891, 0.9302** is the 20% darker color. If you saturate the color by 10%, you get **18.5142, 18.1414, 4.1239**, and if you desaturate by 10%, it is **20.2830, 20.6448, 7.9020**.

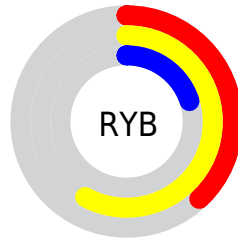
Distribution



Red (58%)

Green (46%)

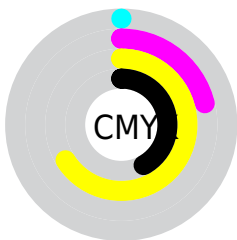
Blue (20%)



Red (38%)

Yellow (58%)

Blue (20%)

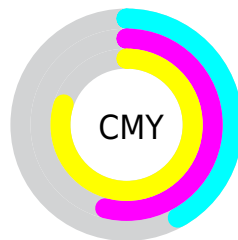


Cyan (0%)

Magenta (21%)

Yellow (66%)

Black (42%)



Cyan (42%)


Magenta (54%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.3314, 19.3424, 5.7322 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 19.3314, 19.3424, 5.7322 by changing the saturation by 10% instead.


 19.3314, 19.3424,
5.7322


 19.3314, 19.3424,
5.7322


241.1754,
248.3325, 165.8789

 12.0154, 11.9179,
2.6168


 41.8059, 42.3119,
17.8404

 6.8264, 6.6878,
0.9011


 57.6951, 58.6257,
27.6703

 3.3992, 3.2676,
0.0000

 77.1728, 78.6714,
40.5755

 1.3682, 1.2730,
0.0000

 100.6043,
102.8335, 56.9745

 0.2334, 0.1202,
0.0000

 128.3549,
131.4962, 77.2857

 0.0000, 0.0000,
0.0000

 160.7901,

165.0440, 101.9279

198.2751,
203.8613, 131.3194

■ 19.3314, 19.3424,
5.7322

■ 19.3314, 19.3424,
5.7322

■ 18.5142, 18.1414,
4.1239

■ 20.2830, 20.6448,
7.9020

■ 17.8191, 17.0341,
3.0200

■ 21.3773, 22.0505,
10.6806

■ 17.2297, 16.0138,
2.3351

■ 22.6233, 23.5643,
14.1115

■ 17.0328, 15.6665,
2.1262

■ 24.0289, 25.1901,
18.2341

■ 25.6012, 26.9314,
23.0845

■ 27.3470, 28.7915,
28.6962

■ 29.2727, 30.7736,
35.1008

■ 31.3842, 32.8807,
42.3279

■ 33.6873, 35.1156,
50.4057

Harmonies

Analogous

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



23.4828, 19.3424, 7.7409



19.3314, 19.3424, 5.7322



15.4771, 19.3424, 6.4515

Triad

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



19.3314, 19.3424, 5.7322



12.0913, 19.3424, 31.1540



25.3798, 19.3424, 37.5441

Complementary

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



19.3314, 19.3424, 5.7322



9.7574, 8.8823, 29.6337

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.



21.6347, 19.3424, 49.0902



19.3314, 19.3424, 5.7322



14.0831, 19.3424, 44.5494

Square

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



19.3314, 19.3424, 5.7322



11.6619, 19.3424, 18.5046



17.4688, 19.3424, 52.0403



27.2928, 19.3424, 23.8417

Rectangle

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



19.3314, 19.3424, 5.7322



13.5373, 19.3424, 8.5843



17.4688, 19.3424, 52.0403



24.2691, 19.3424, 41.9844

Sweetspot

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



19.3319, 19.3433, 5.7326



44.6960, 46.9697, 37.7383



15.0964, 9.2954, 9.1824



9.7476, 10.2343, 7.8775



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.



19.3319, 19.3433, 5.7326



32.4857, 31.4411, 6.2552



20.9172, 26.6709, 7.0634



6.1090, 6.4318, 6.1600



14.3633, 13.2409, 1.7987



0.2026, 0.2157, 0.0310

Inverse Universe

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



9.7574, 8.8823, 29.6337



14.1042, 11.4355, 52.3852



8.8462, 5.6270, 29.0534



5.6434, 5.9208, 7.3151



5.4853, 3.6654, 24.3494



0.0917, 0.0939, 0.3062

Previews

White Background



This preview shows how the XYZ color 19.3314, 19.3424, 5.7322 looks on a white background.

Color Contrast Check

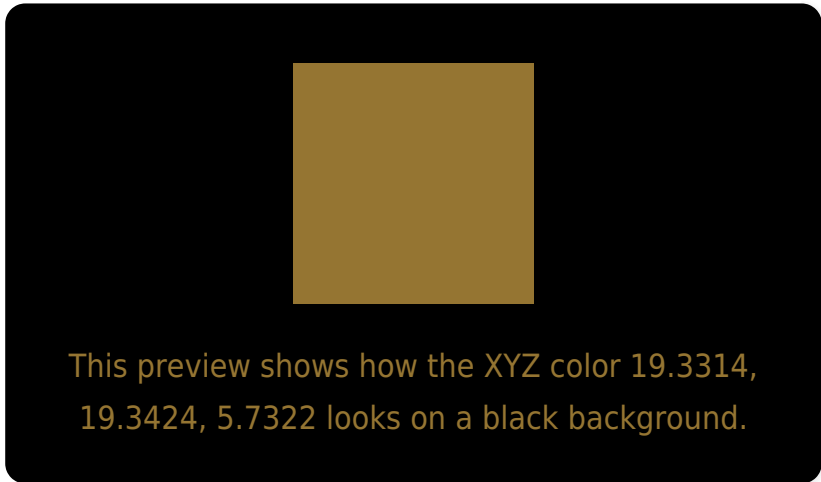
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

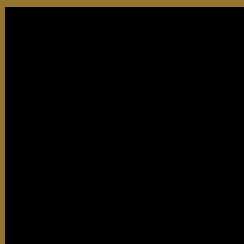
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.3314, 19.3424, 5.7322

Background



This preview shows how black text looks on a background with the XYZ color 19.3314, 19.3424, 5.7322.



This preview shows how white text looks on a background with the XYZ color 19.3314, 19.3424,

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

19.3314, 19.3424, 5.7322

Protanopia

17.7327, 19.4012, 6.0590

Deuteranopia

19.5836, 19.3004, 5.7108



Tritanopia

22.1724, 19.3299, 19.7020

Trichromacy



Original Color

19.3314, 19.3424, 5.7322

Protanomaly

18.2985, 19.3347, 5.8995

Deuteranomaly

19.3988, 19.2051, 5.7021

Tritanomaly

20.8298, 19.2760, 12.9787

Monochromacy



Original Color

19.3314, 19.3424, 5.7322

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.7047, 18.5108, 13.2295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3314, 19.3424, 5.7322 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(149, 117, 50)` looks like.

```
.text, #text, p{  
    color:rgb(149, 117, 50)  
}
```

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(149, 117, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 117, 50) }
```

Border

The CSS property to change the border of an element to XYZ 19.3314, 19.3424, 5.7322 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(149, 117, 50) }
```


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

```
.border{ border-color:rgb(149, 117, 50) }
```

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

Here you see how a box with a 4 pixel rgb(149, 117, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 117, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 117, 50);  
box-shadow:4px 4px 4px 4px rgb(149, 117,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3314, 19.3424, 5.7322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 117, 50) }
```

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

```
.background{ background-color: rgb(149,  
117, 50) }
```

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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