

Converting Colors

XYZ(19.3294, 19.1562, 6.2932)

Have a look what the booklet for
XYZ(19.3294, 19.1562, 6.2932)
contains.

XYZ(19.3294, 19.1562, 6.2932)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.3294, 19.1562,
6.2932)**

Conversions

Conversions Part 1

Format	Color
Hex	957437
RGB	149, 116, 55
RGB Percent	58%, 45%, 22%
CMY	0.4157, 0.5451, 0.7843
CMYK	0.00, 0.22, 0.63, 0.42
HSL	39°, 46%, 40%
HSV	39°, 63%, 58%
XYZ	19.3294, 19.1562, 6.2932
YIQ	118.9130, 39.2490, -11.9750

Conversions

Conversions Part 2

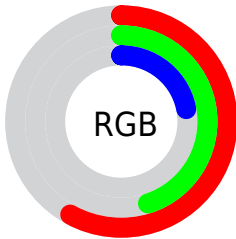
Format	Color
R_{YB}	106, 149, 55
Decimal	9794615
CIE _{Lab}	50.87, 5.80, 37.96
CIE _{LCh}	51, 38.406, 81.309
Yxy	19.1562, 0.4317, 0.4278
Android (android.graphics.Color)	4287984695 (0xFF957437)
YUV	118.9130, -31.5091, 26.3863
Hunter-Lab	43.7678, 2.2382, 22.1124

Details

The XYZ color **19.3294, 19.1562, 6.2932** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.4899, 9.9612, 29.8034**, and the grayscale version is **17.5953, 18.5117, 20.1592**.

A 20% lighter version of the original color is **41.9549, 42.1266, 19.0167**, and **6.8138, 6.5781, 1.0542** is the 20% darker color. If you saturate the color by 10%, you get **18.4389, 17.8630, 4.4927**, and if you desaturate by 10%, it is **20.3626, 20.5623, 8.6738**.

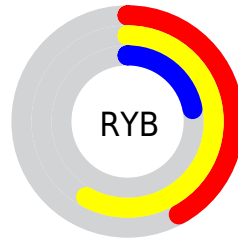
Distribution



Red (58%)

Green (45%)

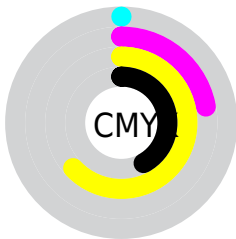
Blue (22%)



Red (42%)

Yellow (58%)

Blue (22%)

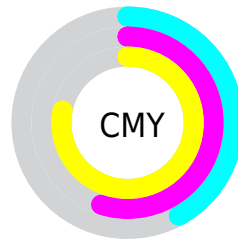


Cyan (0%)

Magenta (22%)

Yellow (63%)

Black (42%)



Cyan (42%)


Magenta (55%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.3294, 19.1562, 6.2932 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 19.3294, 19.1562, 6.2932 by changing the saturation by 10% instead.


 19.3294, 19.1562,
6.2932


 19.3294, 19.1562,
6.2932


241.1646,
247.3097, 171.0560


 12.0140, 11.7832,
2.9525


 41.8026, 41.9979,
19.0246


 6.8254, 6.5962,
1.0704


 57.6910, 58.2353,
29.2523

 3.3985, 3.2109,
0.0000

 77.1677, 78.1964,
42.6129

 1.3679, 1.2428,
0.0000

 100.5983,
102.2655, 59.5247

 0.2331, 0.0963,
0.0000

 128.3478,
130.8270, 80.4064

 0.0000, 0.0000,
0.0000

 160.7819,

164.2652, 105.6765

198.2657,
202.9647, 135.7535

■ 19.3294, 19.1562,
6.2932

■ 19.3294, 19.1562,
6.2932

■ 18.4389, 17.8630,
4.4927

■ 20.3626, 20.5623,
8.6738

■ 17.6791, 16.6749,
3.2180

■ 21.5466, 22.0831,
11.6799

■ 17.0381, 15.5867,
2.4064

■ 22.8901, 23.7237,
15.3538

■ 16.6411, 14.8831,
1.9956

■ 24.4010, 25.4882,
19.7334

■ 26.0863, 27.3801,
24.8541

■ 27.9529, 29.4030,
30.7489

■ 30.0070, 31.5601,
37.4484

■ 32.2546, 33.8546,
44.9821

■ 34.7014, 36.2895,
53.3775

Harmonies

Analogous

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



23.1466, 19.1562, 8.4518



19.3294, 19.1562, 6.2932



15.6885, 19.1562, 6.8418

Triad

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



19.3294, 19.1562, 6.2932



12.2337, 19.1562, 29.3867



24.4996, 19.1562, 36.7895

Complementary

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



19.3294, 19.1562, 6.2932



10.4899, 9.9612, 29.8034

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.



20.9825, 19.1562, 46.9270



19.3294, 19.1562, 6.2932



14.0261, 19.1562, 41.7243

Square

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



19.3294, 19.1562, 6.2932



11.9188, 19.1562, 17.8642



17.1297, 19.1562, 48.9925



26.3913, 19.1562, 24.1685

Rectangle

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



19.3294, 19.1562, 6.2932



13.8131, 19.1562, 8.7916



17.1297, 19.1562, 48.9925



23.4469, 19.1562, 40.7596

Sweetspot

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



19.3299, 19.1571, 6.2936



44.7792, 46.8733, 38.5758



15.5835, 9.8512, 10.6346



9.7547, 10.1962, 8.0413



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.



19.3299, 19.1571, 6.2936



32.3878, 31.0196, 6.9184



21.6663, 27.0440, 7.6927



6.0958, 6.4055, 6.1556



14.0344, 12.5832, 1.6891



0.1995, 0.2095, 0.0299

Inverse Universe

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



10.4899, 9.9612, 29.8034



15.2527, 13.2542, 52.6757



9.1426, 6.1148, 29.1320



5.6561, 5.9462, 7.3194



5.6365, 3.9678, 24.3998



0.0947, 0.1001, 0.3072

Previews

White Background



This preview shows how the XYZ color 19.3294, 19.1562, 6.2932 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 19.3294, 19.1562, 6.2932 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 19.3294, 19.1562, 6.2932

Background



This preview shows how black text looks on a background with the XYZ color 19.3294, 19.1562, 6.2932.



This preview shows how white text looks on a background with the XYZ color 19.3294, 19.1562,

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

19.3294, 19.1562, 6.2932

Protanopia

17.6897, 19.3654, 6.6764

Deuteranopia

19.5127, 19.2506, 6.3017



Tritanopia

22.0651, 19.1153, 19.6662

Trichromacy



Original Color

19.3294, 19.1562, 6.2932

Protanomaly

18.2455, 19.2939, 6.5038

Deuteranomaly

19.5127, 19.2506, 6.3017

Tritanomaly

20.8086, 19.0900, 13.4145

Monochromacy



Original Color

19.3294, 19.1562, 6.2932

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.7957, 18.5472, 13.7084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3294, 19.1562, 6.2932 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, 116, 55)` looks like.

```
.text, #text, p{  
    color:rgb(149, 116, 55)  
}
```

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, 116, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 116, 55) }
```

Border

The CSS property to change the border of an element to XYZ 19.3294, 19.1562, 6.2932 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, 116, 55) }
```


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

```
.border{ border-color:rgb(149, 116, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 116, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 116, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 116, 55);  
box-shadow:4px 4px 4px 4px rgb(149, 116,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3294, 19.1562, 6.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 116, 55) }
```

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

```
.background{ background-color: rgb(149,  
116, 55) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor