

Converting Colors

XYZ(18.1014, 15.7464, 5.2167)

Have a look what the booklet for
XYZ(18.1014, 15.7464, 5.2167)
contains.

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Color

**XYZ(18.1021, 15.7467,
5.2173)**

Conversions

Conversions Part 1

Format	Color
Hex	996233
RGB	153, 98, 51
RGB Percent	60%, 38%, 20%
CMY	0.4000, 0.6157, 0.8000
CMYK	0.00, 0.36, 0.67, 0.40
HSL	28°, 50%, 40%
HSV	28°, 67%, 60%
XYZ	18.1021, 15.7467, 5.2173
YIQ	109.0870, 47.8670, -2.9570

Conversions

Conversions Part 2

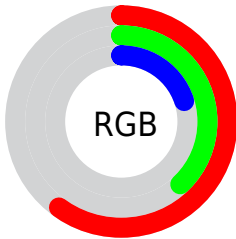
Format	Color
R_{YB}	153, 138, 51
Decimal	10052147
CIE Lab	46.64, 17.67, 35.36
CIE LCh	47, 39.528, 63.444
Yxy	15.7467, 0.4634, 0.4031
Android (android.graphics.Color)	4288242227 (0xFF996233)
YUV	109.0870, -28.6369, 38.5117
Hunter-Lab	39.6821, 11.9840, 19.9822

Details

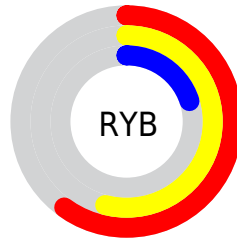
The XYZ color **18.1021, 15.7467, 5.2173** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.2687, 13.3111, 32.0595**, and the grayscale version is **14.6301, 15.3921, 16.7619**.

A 20% lighter version of the original color is **39.8635, 36.2446, 16.6993**, and **6.2427, 4.9731, 0.7457** is the 20% darker color. If you saturate the color by 10%, you get **17.0862, 14.1689, 3.4796**, and if you desaturate by 10%, it is **19.3093, 17.5297, 7.5668**.

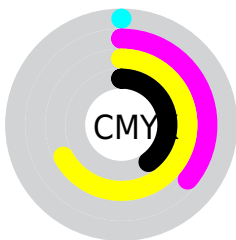
Distribution



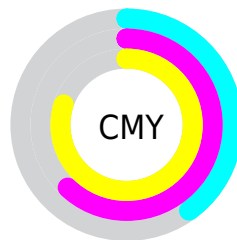
- Red (60%)
- Green (38%)
- Blue (20%)



- Red (60%)
- Yellow (54%)
- Blue (20%)



- Cyan (0%)
- Magenta (36%)
- Yellow (67%)
- Black (40%)





- Cyan (40%)
- Magenta (62%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1021, 15.7467, 5.2173 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 18.1021, 15.7467, 5.2173 by changing the saturation by 10% instead.


 18.1021, 15.7467,
5.2173


 18.1021, 15.7467,
5.2173


234.4804,
227.8424, 160.9228


 11.1234, 9.3451,
2.3144


 39.7399, 36.1579,
16.7320


 6.2178, 4.9669,
0.7392


 55.1298, 50.9363,
26.1809


 3.0199, 2.2279,
0.0000

 74.0542, 69.2757,
38.6487

 1.1643, 0.7351,
0.0000

 96.8784, 91.5606,
54.5542

 0.0779, 0.0000,
0.0000

 123.9677,
118.1753, 74.3158

 0.0000, 0.0000,
0.0000

 155.6876,

149.5042, 98.3521

192.4034,
185.9318, 127.0816

■ 18.1021, 15.7467,
5.2173

■ 18.1021, 15.7467,
5.2173

■ 17.0862, 14.1689,
3.4796

■ 19.3093, 17.5297,
7.5668

■ 16.2468, 12.7845,
2.2921

■ 20.7189, 19.5239,
10.5798

■ 15.5642, 11.5823,
1.5618

■ 22.3422, 21.7381,
14.3035

■ 15.3587, 11.2161,
1.3554

■ 24.1892, 24.1798,
18.7803

■ 26.2694, 26.8558,
24.0495

■ 28.5914, 29.7730,
30.1475

■ 31.1636, 32.9376,
37.1085

■ 33.9939, 36.3557,
44.9646

■ 37.0896, 40.0333,
53.7465

Harmonies

Analogous

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



21.1491, 15.7467, 8.7223



18.1021, 15.7467, 5.2173



14.5753, 15.7467, 4.3830

Triad

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



18.1021, 15.7467, 5.2173



9.3174, 15.7467, 18.3015



18.8897, 15.7467, 38.1400

Complementary

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



18.1021, 15.7467, 5.2173



12.2687, 13.3111, 32.0595

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.



15.3651, 15.7467, 43.6387



18.1021, 15.7467, 5.2173



10.1245, 15.7467, 29.7543

Square

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



18.1021, 15.7467, 5.2173



9.8232, 15.7467, 10.0311



12.2161, 15.7467, 40.0998



21.6503, 15.7467, 27.0142

Rectangle

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



18.1021, 15.7467, 5.2173



12.5009, 15.7467, 5.0243



12.2161, 15.7467, 40.0998



17.7373, 15.7467, 40.8659

Sweetspot

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



18.1025, 15.7475, 5.2176



45.6066, 46.2588, 39.3806



16.9798, 10.2037, 15.0122



9.8593, 9.9428, 8.1610



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.



18.1025, 15.7475, 5.2176



29.8229, 24.1141, 5.0706



24.3085, 28.1596, 7.2863



6.4316, 6.6683, 6.5540



12.7265, 9.3355, 1.1312



0.2261, 0.2112, 0.0289

Inverse Universe

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



12.2687, 13.3111, 32.0595



18.5702, 19.3786, 56.7337



8.5341, 5.8419, 30.8146



6.1465, 6.5503, 7.8693



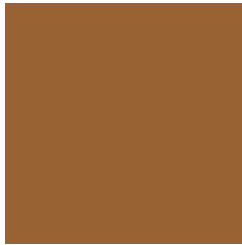
7.3104, 7.0175, 25.8769



0.1457, 0.1777, 0.3990

Previews

White Background



This preview shows how the XYZ color 18.1021, 15.7467, 5.2173 looks on a white 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

Black Background



This preview shows how the XYZ color 18.1021, 15.7467, 5.2173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

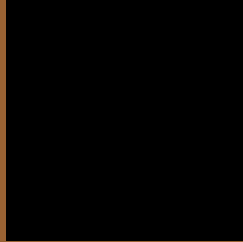
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.1021, 15.7467, 5.2173

Background



This preview shows how black text looks on a background with the XYZ color 18.1021, 15.7467, 5.2173.



This preview shows how white text looks on a background with the XYZ color 18.1021, 15.7467,

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

18.1021, 15.7467, 5.2173

Protanopia

14.5424, 15.8557, 5.9084

Deuteranopia

16.0249, 15.8482, 5.1201



Tritanopia

19.8768, 15.7975, 13.8060

Trichromacy



Original Color

18.1021, 15.7467, 5.2173

Protanomaly

15.6514, 15.6427, 5.6845

Deuteranomaly

16.7537, 15.7704, 5.1786

Tritanomaly

19.1328, 15.7622, 10.0166

Monochromacy



Original Color

18.1021, 15.7467, 5.2173

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.2705, 15.1677, 11.3553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1021, 15.7467, 5.2173 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(153, 98, 51)` looks like.

```
.text, #text, p{  
    color:rgb(153, 98, 51)  
}
```

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(153, 98, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 98, 51) }
```

Border

The CSS property to change the border of an element to XYZ 18.1021, 15.7467, 5.2173 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(153, 98, 51) }
```


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

```
.border{ border-color:rgb(153, 98, 51) }
```

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

Here you see how a box with a 4 pixel rgb(153, 98, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 98, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 98, 51);  
box-shadow:4px 4px 4px 4px rgb(153, 98,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1021, 15.7467, 5.2173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 98, 51) }
```

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

```
.background{ background-color: rgb(153, 98,  
51) }
```

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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