

Converting Colors

XYZ(18.6078, 17.8472, 3.9991)

Have a look what the booklet for
XYZ(18.6078, 17.8472, 3.9991)
contains.

XYZ(18.6272, 17.8467, 3.9764)	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(18.6272, 17.8467,
3.9764)**

Conversions

Conversions Part 1

Format	Color
Hex	976E22
RGB	151, 110, 34
RGB Percent	59%, 43%, 13%
CMY	0.4078, 0.5686, 0.8667
CMYK	0.00, 0.27, 0.77, 0.41
HSL	39°, 63%, 36%
HSV	39°, 77%, 59%
XYZ	18.6272, 17.8467, 3.9764
YIQ	113.5950, 48.8320, -14.9440

Conversions

Conversions Part 2

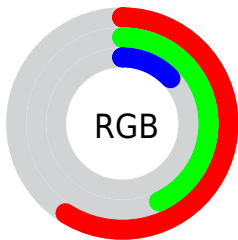
Format	Color
R_{YB}	97, 151, 34
Decimal	9924130
CIE _{Lab}	49.31, 8.92, 46.25
CIE _{LCh}	49, 47.101, 79.081
Yxy	17.8467, 0.4605, 0.4412
Android (android.graphics.Color)	4288114210 (0xFF976E22)
YUV	113.5950, -39.2403, 32.8042
Hunter-Lab	42.2454, 4.7764, 23.9910

Details

The XYZ color **18.6272, 17.8467, 3.9764** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **8.7616, 7.6064, 30.2844**, and the grayscale version is **15.9769, 16.8089, 18.3049**.

A 20% lighter version of the original color is **40.6396, 39.6851, 13.9056**, and **6.6014, 6.0418, 0.8183** is the 20% darker color. If you saturate the color by 10%, you get **17.9016, 16.6708, 2.8860**, and if you desaturate by 10%, it is **19.4835, 19.1308, 5.5829**.

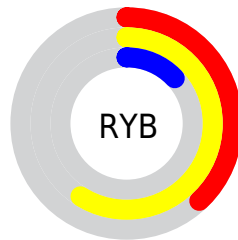
Distribution



Red (59%)

Green (43%)

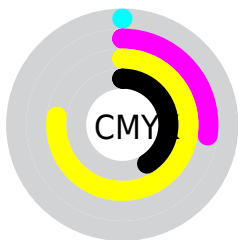
Blue (13%)



Red (38%)

Yellow (59%)

Blue (13%)

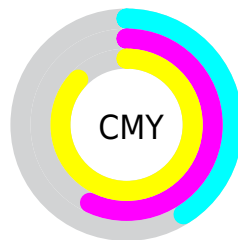


Cyan (0%)

Magenta (27%)

Yellow (77%)

Black (41%)



Cyan (41%)

Magenta (57%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6272, 17.8467, 3.9764 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 18.6272, 17.8467, 3.9764 by changing the saturation by 10% instead.

■ 18.6272, 17.8467,
3.9764

■ 18.6272, 17.8467,
3.9764

237.3607,
240.0055, 147.9627

■ 11.5036, 10.8400,
1.6124

■ 40.6250, 39.7759,
13.9553

■ 6.4764, 5.9593,
0.2996

■ 56.2298, 55.4672,
22.4073

■ 3.1803, 2.8204,
0.0000

■ 75.3926, 74.8222,
33.7257

■ 1.2498, 1.0387,
0.0000

■ 98.4784, 98.2252,
48.3290

■ 0.1452, 0.0000,
0.0000

■ 125.8528,
126.0606, 66.6358

■ 0.0000, 0.0000,
0.0000

■ 157.8811,

158.7129, 89.0647

194.9286,
196.5664, 116.0341

18.6272, 17.8467,
3.9764

18.6272, 17.8467,
3.9764

17.9016, 16.6708,
2.8860

19.4835, 19.1308,
5.5829

17.2852, 15.5915,
2.2076

20.4808, 20.5262,
7.7633

17.1385, 15.3315,
2.0560

21.6299, 22.0386,
10.5689

22.9399, 23.6725,
14.0449

24.4189, 25.4322,
18.2322

■ 26.0746, 27.3216,
23.1685

■ 27.9143, 29.3442,
28.8889

■ 29.9445, 31.5037,
35.4261

■ 32.1716, 33.8032,
42.8110

Harmonies

Analogous

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



23.1731, 17.8467, 6.2165



18.6272, 17.8467, 3.9764



14.3288, 17.8467, 4.2966

Triad

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



18.6272, 17.8467, 3.9764



10.1214, 17.8467, 28.5432



24.2443, 17.8467, 40.1792

Complementary

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



18.6272, 17.8467, 3.9764



8.7616, 7.6064, 30.2844

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.



19.9012, 17.8467, 52.7871



18.6272, 17.8467, 3.9764



11.9747, 17.8467, 44.2956

Square

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



18.6272, 17.8467, 3.9764



9.9008, 17.8467, 15.1694



15.4005, 17.8467, 54.5554



26.7717, 17.8467, 24.4266

Rectangle

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



18.6272, 17.8467, 3.9764



12.1414, 17.8467, 5.9843



15.4005, 17.8467, 54.5554



22.9165, 17.8467, 45.1720

Sweetspot

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



18.6276, 17.8476, 3.9767



44.8851, 46.8786, 36.0417



14.6706, 8.2579, 7.8237



9.9820, 10.4014, 7.5449



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.



18.6276, 17.8476, 3.9767



31.2346, 28.4156, 4.2450



21.4115, 27.4328, 5.6801



6.5266, 6.8584, 6.5856



14.6076, 13.0976, 1.7582



0.2522, 0.2635, 0.0376

Inverse Universe

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



8.7616, 7.6064, 30.2844



12.8860, 9.5031, 53.5888



7.4539, 4.0466, 29.6662



6.0527, 6.3628, 7.8381



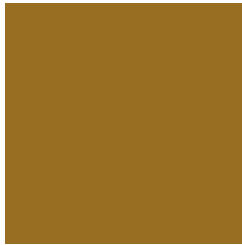
5.8564, 4.1095, 25.3922



0.1195, 0.1254, 0.3903

Previews

White Background



This preview shows how the XYZ color 18.6272, 17.8467, 3.9764 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 18.6272, 17.8467, 3.9764 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 18.6272, 17.8467, 3.9764

Background



This preview shows how black text looks on a background with the XYZ color 18.6272, 17.8467, 3.9764.



This preview shows how white text looks on a background with the XYZ color 18.6272, 17.8467,

3.9764.

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

18.6272, 17.8467, 3.9764

Protanopia

16.3126, 17.9898, 4.2817

Deuteranopia

18.2814, 17.9940, 3.9485



Tritanopia

21.4298, 17.9161, 17.3676

Trichromacy



Original Color

18.6272, 17.8467, 3.9764

Protanomaly

17.0816, 17.8718, 4.1394

Deuteranomaly

18.3534, 17.8682, 3.9204

Tritanomaly

20.0418, 17.8026, 10.5635

Monochromacy



Original Color

18.6272, 17.8467, 3.9764

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.2972, 16.9782, 11.0125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6272, 17.8467, 3.9764 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(151, 110, 34)` looks like.

```
.text, #text, p{  
    color:rgb(151, 110, 34)  
}
```

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(151, 110, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 110, 34) }
```

Border

The CSS property to change the border of an element to XYZ 18.6272, 17.8467, 3.9764 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(151, 110, 34) }
```


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

```
.border{ border-color:rgb(151, 110, 34) }
```

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

Here you see how a box with a 4 pixel rgb(151, 110, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 110, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 110, 34);  
box-shadow:4px 4px 4px 4px rgb(151, 110,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6272, 17.8467, 3.9764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 110, 34) }
```

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

```
.background{ background-color: rgb(151,  
110, 34) }
```

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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