

Converting Colors

XYZ(17.8052, 17.8535, 3.0298)

Have a look what the booklet for
XYZ(17.8052, 17.8535, 3.0298)
contains.

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Color

**XYZ(17.8604, 17.9617,
3.0559)**

Conversions

Conversions Part 1

Format	Color
Hex	927111
RGB	146, 113, 17
RGB Percent	57%, 44%, 7%
CMY	0.4275, 0.5568, 0.9333
CMYK	0.00, 0.23, 0.88, 0.43
HSL	45°, 79%, 32%
HSV	45°, 88%, 57%
XYZ	17.8604, 17.9617, 3.0559
YIQ	111.9230, 50.4840, -22.8600

Conversions

Conversions Part 2

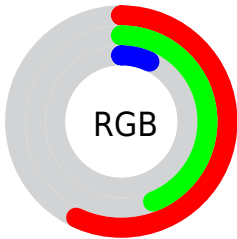
Format	Color
R_{YB}	61, 146, 17
Decimal	9597201
CIE Lab	49.45, 4.28, 52.06
CIE LCh	49, 52.240, 85.304
Yxy	17.9617, 0.4594, 0.4620
Android (android.graphics.Color)	4287787281 (0xFF927111)
YUV	111.9230, -46.7970, 29.8855
Hunter-Lab	42.3812, 1.0567, 25.3918

Details

The XYZ color **17.8604, 17.9617, 3.0559** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.5601, 4.4757, 27.7122**, and the grayscale version is **15.5016, 16.3089, 17.7604**.

A 20% lighter version of the original color is **39.3470, 39.8562, 11.7501**, and **6.2626, 6.1206, 0.8513** is the 20% darker color. If you saturate the color by 10%, you get **17.3646, 17.1111, 2.4566**, and if you desaturate by 10%, it is **18.4403, 18.8748, 4.0098**.

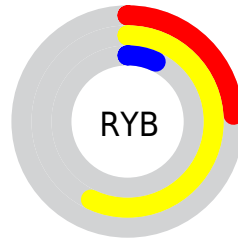
Distribution



Red (57%)

Green (44%)

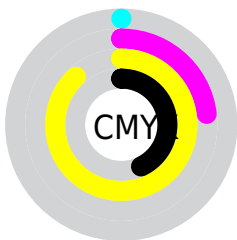
Blue (7%)



Red (24%)

Yellow (57%)

Blue (7%)

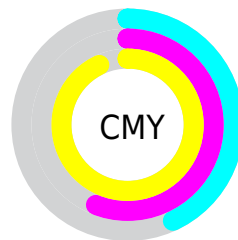


Cyan (0%)

Magenta (23%)

Yellow (88%)

Black (43%)



Cyan (43%)


Magenta (56%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.8604, 17.9617, 3.0559 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 17.8604, 17.9617, 3.0559 by changing the saturation by 10% instead.


 17.8604, 17.9617,
3.0559


 17.8604, 17.9617,
3.0559


233.1438,
240.6551, 137.0694


 10.9489, 10.9225,
1.1232


 39.3313, 39.9721,
11.7661


 6.0995, 6.0147,
0.0000


 54.6213, 55.7120,
19.3807


 2.9469, 2.8540,
0.0000

 73.4349, 75.1210,
29.7263

 1.1258, 1.0560,
0.0000

 96.1375, 98.5833,
43.2216

 0.0465, 0.0000,
0.0000

 123.0943,
126.4836, 60.2850

 0.0000, 0.0000,
0.0000

 154.6707,

159.2060, 81.3351

191.2321,
197.1350, 106.7904

17.8604, 17.9617,
3.0559

17.8604, 17.9617,
3.0559

17.3646, 17.1111,
2.4566

18.4403, 18.8748,
4.0098

17.2859, 16.9747,
2.3654

19.1247, 19.8568,
5.4307

19.9248, 20.9132,
7.3738

20.8495, 22.0478,
9.8861

21.9072, 23.2642,
13.0096

■ 23.1050, 24.5657,
16.7821

■ 24.4498, 25.9553,
21.2383

■ 25.9480, 27.4357,
26.4107

■ 27.6053, 29.0098,
32.3295

Harmonies

Analogous

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



23.0597, 17.9617, 4.6471



17.8604, 17.9617, 3.0559



13.3308, 17.9617, 3.8451

Triad

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



17.8604, 17.9617, 3.0559



9.8533, 17.9617, 33.6151



26.1170, 17.9617, 39.4505

Complementary

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



17.8604, 17.9617, 3.0559



6.5601, 4.4757, 27.7122

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.



21.4550, 17.9617, 55.8236



17.8604, 17.9617, 3.0559



12.2225, 17.9617, 51.4672

Square

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



17.8604, 17.9617, 3.0559



9.2570, 17.9617, 17.4166



16.3073, 17.9617, 61.0384



28.3760, 17.9617, 21.8665

Rectangle

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



17.8604, 17.9617, 3.0559



11.1789, 17.9617, 5.9985



16.3073, 17.9617, 61.0384



24.7401, 17.9617, 45.5569

Sweetspot

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



17.8608, 17.9626, 3.0562



40.9416, 43.5288, 30.1944



12.6610, 6.7546, 3.8152



8.9601, 9.5264, 6.2406



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.8608, 17.9626, 3.0562



30.3533, 29.6632, 4.1258



17.5694, 24.3044, 4.2957



6.1412, 6.4961, 6.1707



15.2301, 14.9746, 2.0877



0.2101, 0.2306, 0.0334

Inverse Universe

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



6.5601, 4.4757, 27.7122



10.2207, 5.7970, 48.5538



6.5659, 3.0831, 27.4431



5.6129, 5.8598, 7.3050



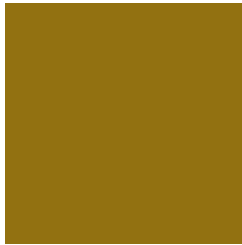
5.1733, 3.0415, 24.2454



0.0842, 0.0790, 0.3037

Previews

White Background



This preview shows how the XYZ color 17.8604, 17.9617, 3.0559 looks on a white background.

Color Contrast Check

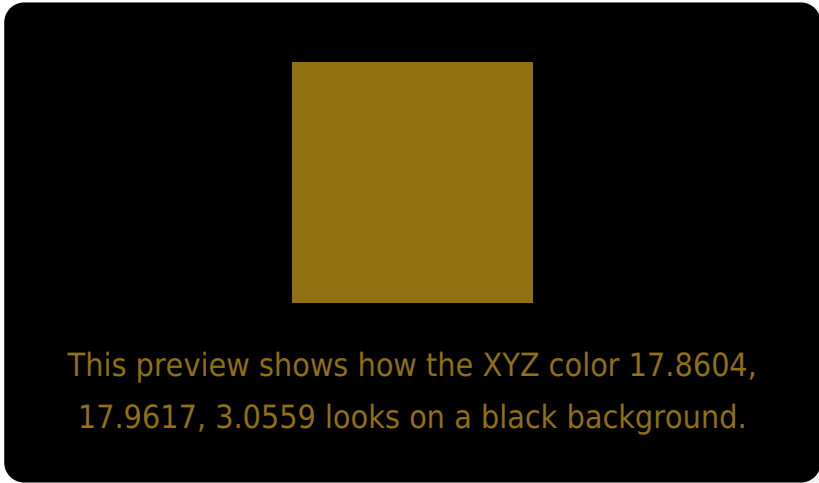
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 17.8604, 17.9617, 3.0559

Background



This preview shows how black text looks on a background with the XYZ color 17.8604, 17.9617, 3.0559.



This preview shows how white text looks on a background with the XYZ color 17.8604, 17.9617,

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

17.8604, 17.9617, 3.0559

Protanopia

16.2688, 17.9904, 3.2311

Deuteranopia

18.2978, 18.0216, 3.0864



Tritanopia

20.9811, 17.9708, 17.9857

Trichromacy



Original Color

17.8604, 17.9617, 3.0559

Protanomaly

16.8358, 17.9377, 3.1473

Deuteranomaly

18.1161, 17.9279, 3.0779

Tritanomaly

19.3154, 17.7592, 9.6176

Monochromacy



Original Color

17.8604, 17.9617, 3.0559

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.4459, 16.4092, 9.3744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8604, 17.9617, 3.0559 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(146, 113, 17)` looks like.

```
.text, #text, p{  
    color:rgb(146, 113, 17)  
}
```

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(146, 113, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 113, 17) }
```

Border

The CSS property to change the border of an element to XYZ 17.8604, 17.9617, 3.0559 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(146, 113, 17) }
```


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

```
.border{ border-color:rgb(146, 113, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 113, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 113, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 113, 17);  
box-shadow:4px 4px 4px 4px rgb(146, 113,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8604, 17.9617, 3.0559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 113, 17) }
```

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

```
.background{ background-color: rgb(146,  
113, 17) }
```

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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