

Converting Colors

XYZ(17.8981, 16.2573, 3.2315)

Have a look what the booklet for
XYZ(17.8981, 16.2573, 3.2315)
contains.

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Color

**XYZ(17.8981, 16.2573,
3.2315)**

Conversions

Conversions Part 1

Format	Color
Hex	98661B
RGB	152, 102, 27
RGB Percent	60%, 40%, 11%
CMY	0.4039, 0.6000, 0.8941
CMYK	0.00, 0.33, 0.82, 0.40
HSL	36°, 70%, 35%
HSV	36°, 82%, 60%
XYZ	17.8981, 16.2573, 3.2315
YIQ	108.4000, 53.8750, -12.7250

Conversions

Conversions Part 2

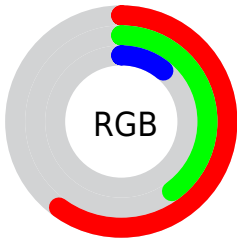
Format	Color
R_{YB}	110, 152, 27
Decimal	9987611
CIE Lab	47.31, 13.70, 47.23
CIE LCh	47, 49.180, 73.825
Yxy	16.2573, 0.4787, 0.4348
Android (android.graphics.Color)	4288177691 (0xFF98661B)
YUV	108.4000, -40.1302, 38.2372
Hunter-Lab	40.3203, 8.6751, 23.4724

Details

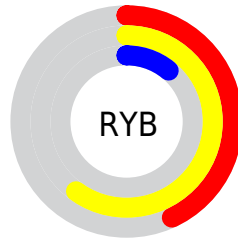
The XYZ color **17.8981, 16.2573, 3.2315** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **8.7732, 7.8073, 30.7501**, and the grayscale version is **14.4656, 15.2190, 16.5734**.

A 20% lighter version of the original color is **39.3447, 37.0342, 12.2823**, and **6.2960, 5.2738, 0.6861** is the 20% darker color. If you saturate the color by 10%, you get **17.1900, 15.0535, 2.3411**, and if you desaturate by 10%, it is **18.7418, 17.5868, 4.6163**.

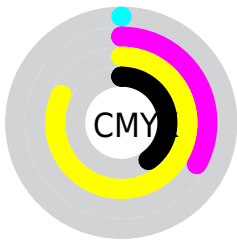
Distribution



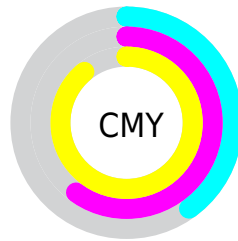
- Red (60%)
- Green (40%)
- Blue (11%)



- Red (43%)
- Yellow (60%)
- Blue (11%)



- Cyan (0%)
- Magenta (33%)
- Yellow (82%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8981, 16.2573, 3.2315 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 17.8981, 16.2573, 3.2315 by changing the saturation by 10% instead.

■ 17.8981, 16.2573,
3.2315

■ 17.8981, 16.2573,
3.2315

233.3528,
230.8552, 139.2566

■ 10.9761, 9.7064,
1.2140

■ 39.3951, 37.0443,
12.1945

■ 6.1179, 5.2047,
0.0000

■ 54.7007, 52.0492,
19.9772

■ 2.9583, 2.3679,
0.0000

■ 73.5317, 70.6409,
30.5186

■ 1.1317, 0.8093,
0.0000

■ 96.2532, 93.2038,
44.2373

■ 0.0514, 0.0000,
0.0000

■ 123.2307,
120.1223, 61.5520

■ 0.0000, 0.0000,
0.0000

■ 154.8296,

151.7808, 82.8811

191.4152,
188.5636, 108.6431

17.8981, 16.2573,
3.2315

17.8981, 16.2573,
3.2315

17.1900, 15.0535,
2.3411

18.7418, 17.5868,
4.6163

16.7074, 14.1926,
1.8589

19.7332, 19.0463,
6.5599

20.8840, 20.6426,
9.1180

22.2042, 22.3810,
12.3392

23.7029, 24.2664,
16.2670

■ 25.3885, 26.3036,
20.9414

■ 27.2687, 28.4968,
26.3992

■ 29.3507, 30.8502,
32.6750

■ 31.6413, 33.3678,
39.8010

Harmonies

Analogous

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



22.2970, 16.2573, 5.7649



17.8981, 16.2573, 3.2315



13.5404, 16.2573, 3.1505

Triad

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



17.8981, 16.2573, 3.2315



8.6766, 16.2573, 24.0566



21.9892, 16.2573, 41.1820

Complementary

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



17.8981, 16.2573, 3.2315



8.7732, 7.8073, 30.7501

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.



17.5357, 16.2573, 52.5813



17.8981, 16.2573, 3.2315



10.1745, 16.2573, 39.9762

Square

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



17.8981, 16.2573, 3.2315



8.7371, 16.2573, 11.8379



13.2397, 16.2573, 52.0584



24.9447, 16.2573, 25.2380

Rectangle

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



17.8981, 16.2573, 3.2315



11.2525, 16.2573, 4.3364



13.2397, 16.2573, 52.0584



20.5848, 16.2573, 45.9457

Sweetspot

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



17.8985, 16.2581, 3.2318



43.8094, 45.2300, 34.1331



14.6804, 7.9951, 7.7908



9.7385, 10.0158, 7.1508



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.



17.8985, 16.2581, 3.2318



29.4164, 24.8861, 3.3095



22.1571, 28.0675, 5.2868



6.5015, 6.8080, 6.5773



14.0397, 11.9619, 1.5689



0.2454, 0.2498, 0.0353

Inverse Universe

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



8.7732, 7.8073, 30.7501



12.8759, 9.7093, 53.6291



6.9153, 3.4921, 30.0151



6.0771, 6.4116, 7.8462



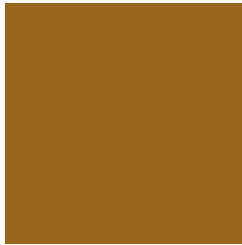
6.1709, 4.7384, 25.4971



0.1264, 0.1391, 0.3926

Previews

White Background



This preview shows how the XYZ color 17.8981, 16.2573, 3.2315 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 17.8981, 16.2573, 3.2315 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 17.8981, 16.2573, 3.2315

Background



This preview shows how black text looks on a background with the XYZ color 17.8981, 16.2573, 3.2315.



This preview shows how white text looks on a background with the XYZ color 17.8981, 16.2573,

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

17.8981, 16.2573, 3.2315

Protanopia

14.7437, 16.3396, 3.6051

Deuteranopia

16.5885, 16.3364, 3.1986



Tritanopia

20.2008, 16.2116, 14.6348

Trichromacy



Original Color

17.8981, 16.2573, 3.2315

Protanomaly

15.6821, 16.1769, 3.4583

Deuteranomaly

17.0921, 16.2887, 3.2205

Tritanomaly

19.1553, 16.2119, 8.7762

Monochromacy



Original Color

17.8981, 16.2573, 3.2315

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.8775, 15.1577, 9.5387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8981, 16.2573, 3.2315 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(152, 102, 27)` looks like.

```
.text, #text, p{  
    color:rgb(152, 102, 27)  
}
```

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(152, 102, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 102, 27) }
```

Border

The CSS property to change the border of an element to XYZ 17.8981, 16.2573, 3.2315 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(152, 102, 27) }
```


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

```
.border{ border-color:rgb(152, 102, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 102, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 102, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 102, 27);  
box-shadow:4px 4px 4px 4px rgb(152, 102,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8981, 16.2573, 3.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 102, 27) }
```

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

```
.background{ background-color: rgb(152,  
102, 27) }
```

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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