

Converting Colors

XYZ(18.0620, 20.3426, 1.2260)

Have a look what the booklet for
XYZ(18.0620, 20.3426, 1.2260)
contains.

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Color

**XYZ(18.4454, 20.5844,
3.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7E00
RGB	141, 126, 0
RGB Percent	55%, 49%, 0%
CMY	0.4471, 0.5059, 1.0000
CMYK	0.00, 0.11, 1.00, 0.45
HSL	54°, 100%, 28%
HSV	54°, 100%, 55%
XYZ	18.4454, 20.5844, 3.0010
YIQ	116.1210, 49.3860, -36.0060

Conversions

Conversions Part 2

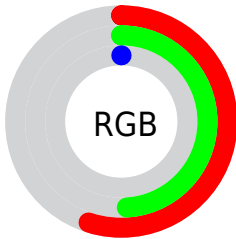
Format	Color
R _{YB}	17, 141, 0
Decimal	9272832
CIE Lab	52.49, -5.74, 57.68
CIE LCh	52, 57.961, 95.685
Yxy	20.5844, 0.4389, 0.4897
Android (android.graphics.Color)	4287462912 (0xFF8D7E00)
YUV	116.1210, -57.2477, 21.8189
Hunter-Lab	45.3700, -6.8275, 27.8373

Details

The XYZ color **18.4454, 20.5844, 3.0010** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.9787, 2.2649, 25.3740**, and the grayscale version is **16.7980, 17.6728, 19.2456**.

A 20% lighter version of the original color is **40.1925, 44.2399, 11.5750**, and **6.5844, 7.3340, 1.0686** is the 20% darker color. If you saturate the color by 10%, you get **18.4457, 20.5851, 3.0011**, and if you desaturate by 10%, it is **18.7190, 21.0038, 3.4869**.

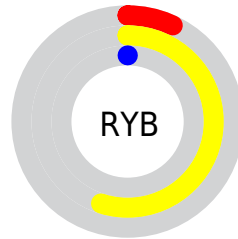
Distribution



Red (55%)

Green (49%)

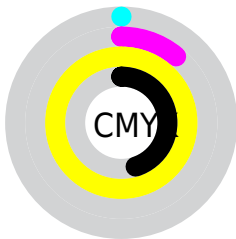
Blue (0%)



Red (7%)

Yellow (55%)

Blue (0%)

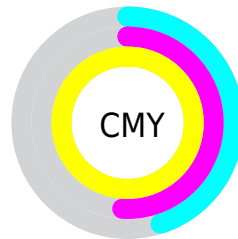


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4454, 20.5844, 3.0010 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 18.4454, 20.5844, 3.0010 by changing the saturation by 10% instead.

■ 18.4454, 20.5844,
3.0010

■ 18.4454, 20.5844,
3.0010

236.3670,
255.0615, 136.3734

■ 11.3719, 12.8206,
1.0951

■ 40.3190, 44.3948,
11.6309

■ 6.3867, 7.3051,
0.0000

■ 55.8497, 61.2102,
19.1920

■ 3.1245, 3.6536,
0.0000

■ 74.9303, 81.8115,
29.4753

■ 1.2199, 1.4818,
0.0000

■ 97.9259, 106.5832,
42.8994

■ 0.1220, 0.2758,
0.0000

■ 125.2021,
135.9097, 59.8826

■ 0.0000, 0.0000,
0.0000

■ 157.1241,

170.1753, 80.8437

194.0573,
209.7644, 106.2011

18.4454, 20.5844,
3.0010

18.4454, 20.5844,
3.0010

18.4457, 20.5851,
3.0011

18.7190, 21.0038,
3.4869

19.0473, 21.4489,
4.2479

19.4576, 21.9315,
5.4272

19.9599, 22.4555,
7.0763

20.5626, 23.0243,
9.2392

■ 21.2729, 23.6409,
11.9549

■ 22.0977, 24.3080,
15.2586

■ 23.0430, 25.0280,
19.1826

■ 24.1146, 25.8033,
23.7568

Harmonies

Analogous

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



24.7036, 20.5844, 3.7844



18.4454, 20.5844, 3.0010



13.5833, 20.5844, 4.8736

Triad

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



18.4454, 20.5844, 3.0010



11.6183, 20.5844, 47.7020



32.0570, 20.5844, 38.9330

Complementary

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



18.4454, 20.5844, 3.0010



4.9787, 2.2649, 25.3740

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.



27.0860, 20.5844, 61.3252



18.4454, 20.5844, 3.0010



15.1933, 20.5844, 67.9455

Square

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



18.4454, 20.5844, 3.0010



10.1924, 20.5844, 25.8436



20.7287, 20.5844, 73.9036



33.4177, 20.5844, 19.3001

Rectangle

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



18.4454, 20.5844, 3.0010



11.5070, 20.5844, 8.4812



20.7287, 20.5844, 73.9036



30.7095, 20.5844, 46.6404

Sweetspot

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



18.4459, 20.5854, 3.0014



39.4711, 43.4513, 26.9086



11.0816, 5.7017, 1.0248



8.6898, 9.6045, 5.4999



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.4459, 20.5854, 3.0014



32.9598, 36.7177, 5.3501



13.4510, 21.0737, 3.3589



5.7912, 6.1888, 5.7787



16.8259, 18.7835, 2.7388



0.1700, 0.1978, 0.0292

Inverse Universe

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



4.9787, 2.2649, 25.3740



8.8518, 3.9278, 45.4195



6.3321, 2.7091, 25.3884



5.1729, 5.3416, 6.7872



4.5459, 2.0778, 23.1385



0.0507, 0.0344, 0.2236

Previews

White Background



This preview shows how the XYZ color 18.4454, 20.5844, 3.0010 looks on a white background.

Color Contrast Check

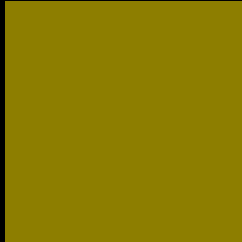
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4454, 20.5844, 3.0010 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 18.4454, 20.5844, 3.0010

Background



This preview shows how black text looks on a background with the XYZ color 18.4454, 20.5844, 3.0010.



This preview shows how white text looks on a background with the XYZ color 18.4454, 20.5844,

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

18.4454, 20.5844, 3.0010

Protanopia

18.6162, 20.6725, 3.0090

Deuteranopia

20.7909, 20.5002, 3.3513



Tritanopia

22.3399, 20.5248, 22.5229

Trichromacy



Original Color

18.4454, 20.5844, 3.0010

Protanomaly

18.6162, 20.6725, 3.0090

Deuteranomaly

19.9632, 20.6164, 3.2143

Tritanomaly

19.8415, 20.0319, 10.4102

Monochromacy



Original Color

18.4454, 20.5844, 3.0010

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.4099, 18.2873, 9.1435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4454, 20.5844, 3.0010 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(141, 126, 0)` looks like.

```
.text, #text, p{  
    color:rgb(141, 126, 0)  
}
```

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(141, 126, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 126, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.4454, 20.5844, 3.0010 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(141, 126, 0) }
```


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

```
.border{ border-color:rgb(141, 126, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 126, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 126, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 126, 0);  
box-shadow:4px 4px 4px 4px rgb(141, 126,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4454, 20.5844, 3.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 126, 0) }
```

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

```
.background{ background-color: rgb(141,  
126, 0) }
```

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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