

Converting Colors

XYZ(22.0010, 24.5006, 3.5695)

Have a look what the booklet for
XYZ(22.0010, 24.5006, 3.5695)
contains.

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Color

**XYZ(21.9410, 24.3806,
3.5495)**

Conversions

Conversions Part 1

Format	Color
Hex	998800
RGB	153, 136, 0
RGB Percent	60%, 53%, 0%
CMY	0.4000, 0.4667, 1.0000
CMYK	0.00, 0.11, 1.00, 0.40
HSL	53°, 100%, 30%
HSV	53°, 100%, 60%
XYZ	21.9410, 24.3806, 3.5495
YIQ	125.5790, 53.7880, -38.6920

Conversions

Conversions Part 2

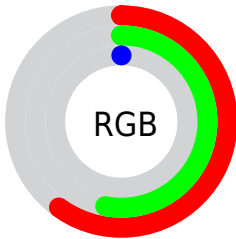
Format	Color
R_YB	19, 153, 0
Decimal	10061824
CIE Lab	56.47, -5.64, 61.05
CIE LCh	56, 61.313, 95.275
Yxy	24.3806, 0.4400, 0.4889
Android (android.graphics.Color)	4288251904 (0xFF998800)
YUV	125.5790, -61.9104, 24.0482
Hunter-Lab	49.3767, -7.0911, 30.3016

Details

The XYZ color **21.9410, 24.3806, 3.5495** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.9504, 2.7010, 30.3444**, and the grayscale version is **19.8797, 20.9150, 22.7764**.

A 20% lighter version of the original color is **46.1357, 50.6737, 12.9796**, and **8.4452, 9.4131, 1.3718** is the 20% darker color. If you saturate the color by 10%, you get **21.9413, 24.3814, 3.5497**, and if you desaturate by 10%, it is **22.2712, 24.8997, 4.0959**.

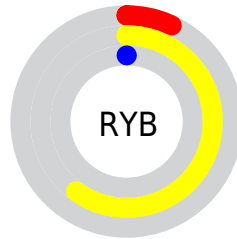
Distribution



Red (60%)

Green (53%)

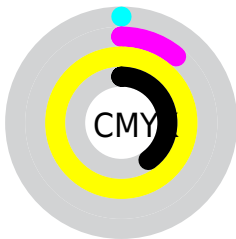
Blue (0%)



Red (7%)

Yellow (60%)

Blue (0%)

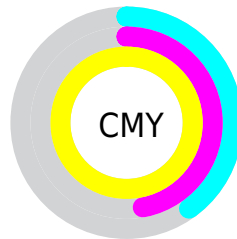


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9410, 24.3806, 3.5495 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 21.9410, 24.3806, 3.5495 by changing the saturation by 10% instead.

■ 21.9410, 24.3806,
3.5495

■ 21.9410, 24.3806,
3.5495

254.8762,
274.7391, 143.0781

■ 13.9299, 15.6162,
1.3816

■ 46.1280, 50.6506,
12.9567

■ 8.1533, 9.2530,
0.1273

■ 63.0347, 68.9249,
21.0330

■ 4.2458, 4.9066,
0.0000

■ 83.6373, 91.1381,
31.9160

■ 1.8421, 2.1925,
0.0000

■ 108.3011,
117.6743, 46.0240

■ 0.5429, 0.7159,
0.0000

■ 137.3916,
148.9182, 63.7757

■ 0.0000, 0.0000,
0.0000

■ 171.2740,

185.2540, 85.5896

210.3137,
227.0662, 111.8842

21.9410, 24.3806,
3.5495

21.9410, 24.3806,
3.5495

21.9413, 24.3814,
3.5497

22.2712, 24.8997,
4.0959

22.6701, 25.4514,
4.9873

23.1682, 26.0489,
6.3823

23.7776, 26.6972,
8.3444

24.5085, 27.4002,
10.9277

■ 25.3702, 28.1617,
14.1801

■ 26.3708, 28.9850,
18.1448

■ 27.5178, 29.8732,
22.8613

■ 28.8182, 30.8290,
28.3662

Harmonies

Analogous

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



29.3621, 24.3806, 4.5201



21.9410, 24.3806, 3.5495



16.1521, 24.3806, 5.7162

Triad

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



21.9410, 24.3806, 3.5495



13.7225, 24.3806, 56.1157



37.9092, 24.3806, 46.4771

Complementary

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



21.9410, 24.3806, 3.5495



5.9504, 2.7010, 30.3444

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.



31.9806, 24.3806, 72.9405



21.9410, 24.3806, 3.5495



17.9212, 24.3806, 80.2183

Square

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



21.9410, 24.3806, 3.5495



12.0678, 24.3806, 30.3037



24.4503, 24.3806, 87.5749



39.5901, 24.3806, 23.1131

Rectangle

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



21.9410, 24.3806, 3.5495



13.6696, 24.3806, 9.9275



24.4503, 24.3806, 87.5749



36.2952, 24.3806, 55.6112

Sweetspot

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



21.9415, 24.3818, 3.5500



47.1130, 51.8179, 32.0330



13.2449, 6.8157, 1.1837



10.2453, 11.3141, 6.4420



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.



21.9415, 24.3818, 3.5500



39.2103, 43.4957, 6.3289



16.0436, 25.1807, 4.0150



6.6503, 7.1057, 6.6269



18.1493, 20.1810, 2.9388



0.2859, 0.3308, 0.0488

Inverse Universe

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



5.9504, 2.7010, 30.3444



10.5859, 4.6963, 54.3205



7.5331, 3.2194, 30.3611



5.9370, 6.1314, 7.7995



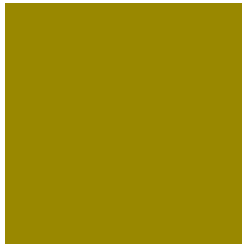
4.9312, 2.2591, 25.0838



0.0864, 0.0592, 0.3792

Previews

White Background



This preview shows how the XYZ color 21.9410, 24.3806, 3.5495 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 21.9410, 24.3806, 3.5495 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 21.9410, 24.3806, 3.5495

Background



This preview shows how black text looks on a background with the XYZ color 21.9410, 24.3806, 3.5495.



This preview shows how white text looks on a background with the XYZ color 21.9410, 24.3806,

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

21.9410, 24.3806, 3.5495

Protanopia

21.9410, 24.3806, 3.5495

Deuteranopia

24.7460, 24.3989, 3.9355



Tritanopia

26.6027, 24.2763, 26.5762

Trichromacy



Original Color

21.9410, 24.3806, 3.5495

Protanomaly

21.9410, 24.3806, 3.5495

Deuteranomaly

23.6215, 24.4192, 3.7850

Tritanomaly

23.8035, 23.9225, 12.3797

Monochromacy



Original Color

21.9410, 24.3806, 3.5495

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.5839, 21.7787, 10.7609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9410, 24.3806, 3.5495 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, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 136, 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(153, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 136, 0) }
```

Border

The CSS property to change the border of an element to XYZ 21.9410, 24.3806, 3.5495 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, 136, 0) }
```


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

```
.border{ border-color:rgb(153, 136, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 136, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 136,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9410, 24.3806, 3.5495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 136, 0) }
```

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

```
.background{ background-color: rgb(153,  
136, 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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