

Converting Colors

XYZ(21.6013, 17.6196, 2.2624)

Have a look what the booklet for
XYZ(21.6013, 17.6196, 2.2624)
contains.

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Color

**XYZ(21.6013, 17.6196,
2.2624)**

Conversions

Conversions Part 1

Format	Color
Hex	AD6200
RGB	173, 98, 0
RGB Percent	68%, 38%, 0%
CMY	0.3216, 0.6157, 1.0000
CMYK	0.00, 0.43, 1.00, 0.32
HSL	34°, 100%, 34%
HSV	34°, 100%, 68%
XYZ	21.6013, 17.6196, 2.2624
YIQ	109.2530, 76.1580, -14.5780

Conversions

Conversions Part 2

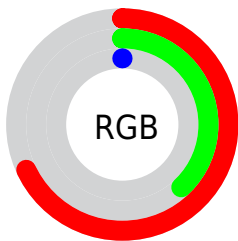
Format	Color
RYB	132, 173, 0
Decimal	11362816
CIELab	49.03, 24.82, 57.14
CIELCh	49, 62.298, 66.520
Yxy	17.6196, 0.5207, 0.4247
Android (android.graphics.Color)	4289552896 (0xFFAD6200)
YUV	109.2530, -53.8617, 55.9061
Hunter-Lab	41.9757, 18.4012, 26.1874

Details

The XYZ color **21.6013, 17.6196, 2.2624** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10.0589, 8.0492, 40.5585**, and the grayscale version is **14.7416, 15.5093, 16.8897**.

A 20% lighter version of the original color is **45.5486, 39.3351, 9.7492**, and **8.0800, 5.8586, 0.7050** is the 20% darker color. If you saturate the color by 10%, you get **21.6015, 17.6201, 2.2625**, and if you desaturate by 10%, it is **22.4402, 19.1319, 3.0530**.

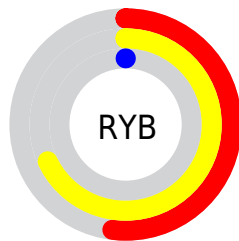
Distribution



Red (68%)

Green (38%)

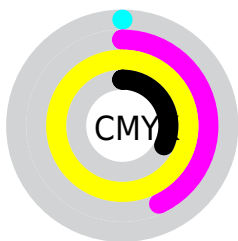
Blue (0%)



Red (52%)

Yellow (68%)

Blue (0%)

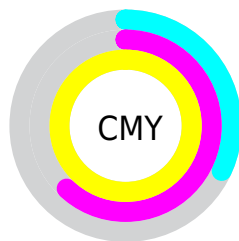


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (32%)



Cyan (32%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6013, 17.6196, 2.2624 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 21.6013, 17.6196, 2.2624 by changing the saturation by 10% instead.

■ 21.6013, 17.6196,
2.2624

■ 21.6013, 17.6196,
2.2624

253.1287,
238.7181, 126.3268

■ 13.6792, 10.6772,
0.7100

■ 45.5699, 39.3881,
9.7465

■ 7.9781, 5.8502,
0.0000

■ 62.3471, 54.9829,
16.5370

■ 4.1326, 2.7542,
0.0000

■ 82.8068, 74.2308,
25.9179

■ 1.7774, 1.0048,
0.0000

■ 107.3142, 97.5159,
38.3077

■ 0.5040, 0.0000,
0.0000


■ 136.2348,
125.2229, 54.1250


■ 0.0000, 0.0000,
0.0000


■ 169.9338,


157.7359, 73.7882


 208.7767,
195.4396, 97.7160


 21.6013, 17.6196,
2.2624


 21.6013, 17.6196,
2.2624


 21.6015, 17.6201,
2.2625

 22.4402, 19.1319,
3.0530

 23.4367, 20.8145,
4.3419

 24.6285, 22.6858,
6.3183

 26.0337, 24.7557,
9.0698

 27.6680, 27.0330,
12.6707

■ 29.5452, 29.5256,
17.1866

■ 31.6779, 32.2407,
22.6763

■ 34.0776, 35.1855,
29.1940

■ 36.7551, 38.3663,
36.7897

Harmonies

Analogous

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



27.4185, 17.6196, 5.7533



21.6013, 17.6196, 2.2624



15.5107, 17.6196, 1.7247

Triad

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



21.6013, 17.6196, 2.2624



7.9225, 17.6196, 23.0498



24.3094, 17.6196, 58.0675

Complementary

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



21.6013, 17.6196, 2.2624



10.0589, 8.0492, 40.5585

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.



18.0470, 17.6196, 71.7222



21.6013, 17.6196, 2.2624



9.2808, 17.6196, 45.2011

Square

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



21.6013, 17.6196, 2.2624



8.4514, 17.6196, 9.0561



12.6804, 17.6196, 66.0016



29.2178, 17.6196, 34.9546

Rectangle

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



21.6013, 17.6196, 2.2624



12.2396, 17.6196, 2.4392



12.6804, 17.6196, 66.0016



22.2437, 17.6196, 64.3811

Sweetspot

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



21.6017, 17.6205, 2.2627



56.5208, 57.4756, 40.0490



18.6034, 9.4322, 8.0201



11.9353, 12.0519, 7.7953



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



21.6017, 17.6205, 2.2627



38.4696, 31.1213, 3.9794



30.3257, 37.8168, 5.7012



8.3675, 8.7399, 8.4593



15.9272, 13.0599, 1.6814



0.4961, 0.4694, 0.0645

Inverse Universe

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



10.0589, 8.0492, 40.5585



17.8094, 14.0046, 72.5703



7.6512, 3.0731, 39.7249



7.8538, 8.3069, 10.1422



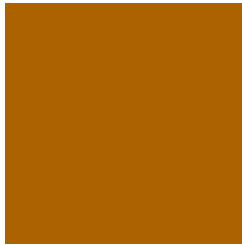
7.4444, 6.0226, 29.8146



0.2621, 0.2776, 0.8478

Previews

White Background



This preview shows how the XYZ color 21.6013, 17.6196, 2.2624 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 21.6013, 17.6196, 2.2624 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 21.6013, 17.6196, 2.2624

Background



This preview shows how black text looks on a background with the XYZ color 21.6013, 17.6196, 2.2624.



This preview shows how white text looks on a background with the XYZ color 21.6013, 17.6196,

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

21.6013, 17.6196, 2.2624

Protanopia

15.9563, 17.6598, 2.9832

Deuteranopia

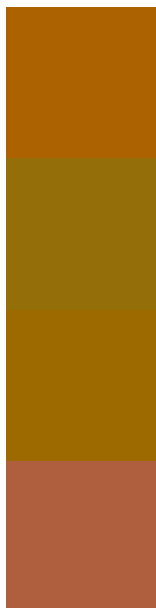
17.8972, 17.6648, 2.4664



Tritanopia

23.8502, 17.5941, 13.6942

Trichromacy



Original Color

21.6013, 17.6196, 2.2624

Protanomaly

17.6579, 17.3746, 2.6814

Deuteranomaly

19.0587, 17.4762, 2.3687

Tritanomaly

22.5514, 17.4672, 6.7403

Monochromacy



Original Color

21.6013, 17.6196, 2.2624

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.6415, 15.4384, 7.7857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6013, 17.6196, 2.2624 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(173, 98, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 98, 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(173, 98, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 98, 0) }
```

Border

The CSS property to change the border of an element to XYZ 21.6013, 17.6196, 2.2624 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(173, 98, 0) }
```


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

```
.border{ border-color:rgb(173, 98, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 98, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 98, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 98, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 98, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 21.6013, 17.6196, 2.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 98, 0) }
```

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

```
.background{ background-color: rgb(173, 98,  
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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