

Converting Colors

XYZ(17.2826, 21.2795, 3.1965)

Have a look what the booklet for
XYZ(17.2826, 21.2795, 3.1965)
contains.

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Color

**XYZ(17.2896, 21.3643,
3.2125)**

Conversions

Conversions Part 1

Format	Color
Hex	808500
RGB	128, 133, 0
RGB Percent	50%, 52%, 0%
CMY	0.4980, 0.4784, 1.0000
CMYK	0.04, 0.00, 1.00, 0.48
HSL	62°, 100%, 26%
HSV	62°, 100%, 52%
XYZ	17.2896, 21.3643, 3.2125
YIQ	116.3430, 39.7130, -42.4230

Conversions

Conversions Part 2

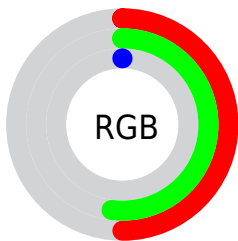
Format	Color
RYB	0, 133, 5
Decimal	8422656
CIELab	53.35, -15.60, 57.76
CIELCh	53, 59.831, 105.115
Yxy	21.3643, 0.4130, 0.5103
Android (android.graphics.Color)	4286612736 (0xFF808500)
YUV	116.3430, -57.3571, 10.2232
Hunter-Lab	46.2215, -14.1181, 28.2343

Details

The XYZ color **17.2896, 21.3643, 3.2125** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.2968, 1.7262, 22.2985**, and the grayscale version is **16.8691, 17.7476, 19.3271**.

A 20% lighter version of the original color is **38.3392, 45.7134, 12.1131**, and **6.0720, 7.8365, 1.1926** is the 20% darker color. If you saturate the color by 10%, you get **17.2900, 21.3652, 3.2126**, and if you desaturate by 10%, it is **17.4402, 21.4340, 3.6094**.

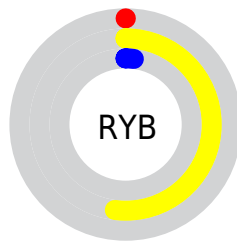
Distribution



Red (50%)

Green (52%)

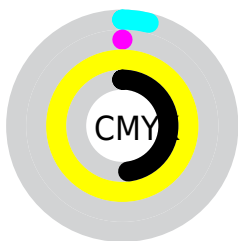
Blue (0%)



Red (0%)

Yellow (52%)

Blue (2%)

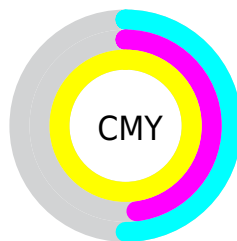


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (50%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2896, 21.3643, 3.2125 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 17.2896, 21.3643, 3.2125 by changing the saturation by 10% instead.

■ 17.2896, 21.3643,
3.2125

■ 17.2896, 21.3643,
3.2125

229.9596,
259.2083, 139.0227

■ 10.5378, 13.3906,
1.2041

■ 38.3627, 45.6930,
12.1484

■ 5.8219, 7.6980,
0.0000

■ 53.4146, 62.8168,
19.9131

■ 2.7767, 3.9023,
0.0000

■ 71.9640, 83.7594,
30.4336

■ 1.0368, 1.6191,
0.0000

■ 94.3762, 108.9052,
44.1285

■ 0.0000, 0.3704,
0.0000


■ 121.0164,
138.6386, 61.4163


■ 0.0000, 0.0000,
0.0000


■ 152.2502,


173.3440, 82.7156


 188.4428,
213.4057, 108.4449


 17.2896, 21.3643,
3.2125


 17.2896, 21.3643,
3.2125


 17.2900, 21.3652,
3.2126

 17.4402, 21.4340,
3.6094

 17.6347, 21.5206,
4.2380

 17.8991, 21.6352,
5.2323

 18.2417, 21.7811,
6.6366

 18.6697, 21.9612,
8.4888

■ 19.1896, 22.1780,
10.8227

■ 19.8070, 22.4340,
13.6686

■ 20.5274, 22.7312,
17.0544

■ 21.3556, 23.0715,
21.0062

Harmonies

Analogous

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



23.6024, 21.3643, 3.2028



17.2896, 21.3643, 3.2125



12.8338, 21.3643, 6.2961

Triad

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



17.2896, 21.3643, 3.2125



12.8593, 21.3643, 57.8153



34.5177, 21.3643, 33.4358

Complementary

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



17.2896, 21.3643, 3.2125



4.2968, 1.7262, 22.2985

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.



30.2290, 21.3643, 57.6341



17.2896, 21.3643, 3.2125



17.3320, 21.3643, 75.9669

Square

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



17.2896, 21.3643, 3.2125



10.6624, 21.3643, 33.6081



23.6546, 21.3643, 75.8873



34.4997, 21.3643, 15.2925

Rectangle

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



17.2896, 21.3643, 3.2125



11.1314, 21.3643, 11.4439



23.6546, 21.3643, 75.8873



33.4981, 21.3643, 41.2694

Sweetspot

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



17.2901, 21.3653, 3.2129



35.3861, 40.1383, 24.0940



9.7218, 5.0834, 0.4691



7.8795, 9.0044, 4.9988



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.2901, 21.3653, 3.2129



30.9302, 38.2426, 5.7514



10.3794, 17.8027, 2.8895



5.0229, 5.4143, 5.0097



16.4695, 20.3503, 3.0600



0.0584, 0.0712, 0.0107

Inverse Universe

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



4.2968, 1.7262, 22.2985



7.6633, 3.0747, 39.9280



6.8282, 3.0311, 22.4169



4.4495, 4.5523, 5.8449



4.0939, 1.6446, 21.2384



0.0152, 0.0062, 0.0736

Previews

White Background



This preview shows how the XYZ color 17.2896, 21.3643, 3.2125 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 17.2896, 21.3643, 3.2125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

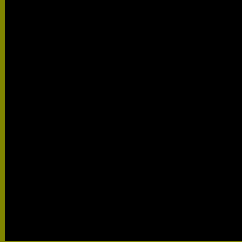
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2896, 21.3643, 3.2125

Background



This preview shows how black text looks on a background with the XYZ color 17.2896, 21.3643, 3.2125.



This preview shows how white text looks on a background with the XYZ color 17.2896, 21.3643,

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

17.2896, 21.3643, 3.2125

Protanopia

19.2208, 21.3676, 3.1113

Deuteranopia

21.6707, 21.3060, 3.6798



Tritanopia

21.7578, 21.4271, 25.1794

Trichromacy



Original Color

17.2896, 21.3643, 3.2125

Protanomaly

18.4639, 21.3685, 3.1514

Deuteranomaly

19.8007, 21.0859, 3.4071

Tritanomaly

19.0606, 20.9030, 11.6244

Monochromacy



Original Color

17.2896, 21.3643, 3.2125

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.9413, 18.4065, 9.1912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2896, 21.3643, 3.2125 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(128, 133, 0)` looks like.

```
.text, #text, p{  
    color:rgb(128, 133, 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(128, 133, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 133, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.2896, 21.3643, 3.2125 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(128, 133, 0) }
```


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

```
.border{ border-color:rgb(128, 133, 0) }
```

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

Here you see how a box with a 4 pixel rgb(128, 133, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 133, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 133, 0);  
box-shadow:4px 4px 4px 4px rgb(128, 133,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2896, 21.3643, 3.2125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 133, 0) }
```

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

```
.background{ background-color: rgb(128,  
133, 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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