

Converting Colors

XYZ(17.1601, 21.4946, 3.5612)

Have a look what the booklet for
XYZ(17.1601, 21.4946, 3.5612)
contains.

XYZ(17.1897, 21.5100, 3.5625)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.1897, 21.5100,
3.5625)**

Conversions

Conversions Part 1

Format	Color
Hex	7E860B
RGB	126, 134, 11
RGB Percent	49%, 53%, 4%
CMY	0.5059, 0.4745, 0.9568
CMYK	0.06, 0.00, 0.92, 0.47
HSL	64°, 85%, 28%
HSV	64°, 92%, 53%
XYZ	17.1897, 21.5100, 3.5625
YIQ	117.5860, 34.7150, -39.9490

Conversions

Conversions Part 2

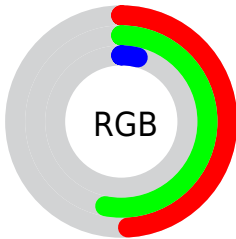
Format	Color
R_{YB}	11, 134, 19
Decimal	8291851
CIE Lab	53.50, -16.83, 55.87
CIE LCh	54, 58.344, 106.762
Yxy	21.5100, 0.4067, 0.5090
Android (android.graphics.Color)	4286481931 (0xFF7E860B)
YUV	117.5860, -52.5469, 7.3791
Hunter-Lab	46.3789, -15.0044, 27.9110

Details

The XYZ color **17.1897, 21.5100, 3.5625** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.6920, 2.0995, 22.7136**, and the grayscale version is **17.2426, 18.1405, 19.7550**.

A 20% lighter version of the original color is **38.2314, 45.9536, 12.9858**, and **5.9962, 7.9135, 1.2114** is the 20% darker color. If you saturate the color by 10%, you get **17.0244, 21.4325, 3.2396**, and if you desaturate by 10%, it is **17.4281, 21.6211, 4.1415**.

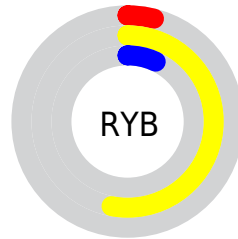
Distribution



Red (49%)

Green (53%)

Blue (4%)



Red (4%)

Yellow (53%)

Blue (7%)

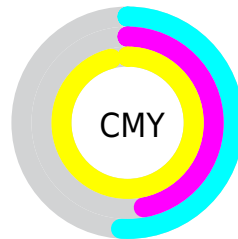


Cyan (6%)

Magenta (0%)

Yellow (92%)

Black (47%)



Cyan (51%)

Magenta (47%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1897, 21.5100, 3.5625 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 17.1897, 21.5100, 3.5625 by changing the saturation by 10% instead.

■ 17.1897, 21.5100,
3.5625

■ 17.1897, 21.5100,
3.5625

■ 229.3982,
259.9766, 143.2308

■ 10.4660, 13.4973,
1.3885

■ 38.1927, 45.9348,
12.9875

■ 5.7736, 7.7719,
0.1328

■ 53.2026, 63.1157,
21.0756

■ 2.7473, 3.9493,
0.0000

■ 71.7053, 84.1214,
31.9722

■ 1.0216, 1.6453,
0.0000

■ 94.0662, 109.3364,
46.0957


■ 0.0000, 0.3878,
0.0000


■ 120.6506,
139.1450, 63.8648


■ 0.0000, 0.0000,
0.0000


■ 151.8238,


173.9316, 85.6980


 187.9512,
214.0807, 112.0138


 17.1897, 21.5100,
3.5625


 17.1897, 21.5100,
3.5625


 17.0244, 21.4325,
3.2396

 17.4281, 21.6211,
4.1415

 17.7360, 21.7593,
5.0830

 18.1228, 21.9292,
6.4341

 18.5961, 22.1338,
8.2344

 19.1624, 22.3758,
10.5190

■ 19.8278, 22.6575,
13.3194

■ 20.5978, 22.9812,
16.6645

■ 21.4774, 23.3489,
20.5809

■ 22.4714, 23.7625,
25.0937

Harmonies

Analogous

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



23.3038, 21.5100, 3.4096



17.1897, 21.5100, 3.5625



12.9189, 21.5100, 6.9334

Triad

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



17.1897, 21.5100, 3.5625



13.3051, 21.5100, 58.2271



34.4156, 21.5100, 32.1607

Complementary

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



17.1897, 21.5100, 3.5625



4.6920, 2.0995, 22.7136

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.



30.4395, 21.5100, 55.5403



17.1897, 21.5100, 3.5625



17.8294, 21.5100, 74.9962

Square

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



17.1897, 21.5100, 3.5625



11.0075, 21.5100, 34.7363



24.0865, 21.5100, 73.8199



34.1473, 21.5100, 14.8756

Rectangle

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



17.1897, 21.5100, 3.5625



11.3158, 21.5100, 12.3501



24.0865, 21.5100, 73.8199



33.5017, 21.5100, 39.6772

Sweetspot

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



17.1902, 21.5110, 3.5629



35.3419, 40.0904, 25.2267



10.0955, 5.4987, 0.8462



7.8545, 8.9866, 5.2206



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.



17.1902, 21.5110, 3.5629



29.9441, 37.7343, 5.7052



10.8570, 18.2461, 3.2666



5.0106, 5.4080, 5.0091



15.9569, 20.0860, 3.0360



0.0575, 0.0707, 0.0106

Inverse Universe

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



4.6920, 2.0995, 22.7136



7.7234, 3.1057, 39.9308



7.6191, 3.6085, 22.8506



4.4605, 4.5580, 5.8454



4.1386, 1.6677, 21.2405



0.0160, 0.0067, 0.0737

Previews

White Background



This preview shows how the XYZ color 17.1897, 21.5100, 3.5625 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 17.1897, 21.5100, 3.5625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

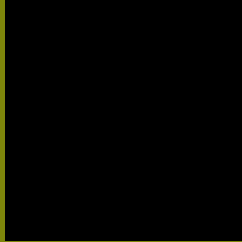
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1897, 21.5100, 3.5625

Background



This preview shows how black text looks on a background with the XYZ color 17.1897, 21.5100, 3.5625.



This preview shows how white text looks on a background with the XYZ color 17.1897, 21.5100,

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

17.1897, 21.5100, 3.5625

Protanopia

19.2646, 21.3852, 3.3421

Deuteranopia

21.7002, 21.3178, 3.8352



Tritanopia

21.6284, 21.5394, 25.5718

Trichromacy



Original Color

17.1897, 21.5100, 3.5625

Protanomaly

18.3485, 21.3034, 3.4033

Deuteranomaly

19.7911, 21.2646, 3.6775

Tritanomaly

19.0381, 21.0651, 12.5138

Monochromacy



Original Color

17.1897, 21.5100, 3.5625

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.5041, 19.0448, 10.2033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1897, 21.5100, 3.5625 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(126, 134, 11)` looks like.

```
.text, #text, p{  
    color:rgb(126, 134, 11)  
}
```

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(126, 134, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 134, 11) }
```

Border

The CSS property to change the border of an element to XYZ 17.1897, 21.5100, 3.5625 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(126, 134, 11) }
```


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

```
.border{ border-color:rgb(126, 134, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 134, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 134, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 134, 11);  
box-shadow:4px 4px 4px 4px rgb(126, 134,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1897, 21.5100, 3.5625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 134, 11) }
```

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

```
.background{ background-color: rgb(126,  
134, 11) }
```

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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