

Converting Colors

XYZ(17.5330, 21.6664, 2.2884)

Have a look what the booklet for
XYZ(17.5330, 21.6664, 2.2884)
contains.

XYZ(17.7310, 21.7960, 3.2725)	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(17.7310, 21.7960,
3.2725)**

Conversions

Conversions Part 1

Format	Color
Hex	828600
RGB	130, 134, 0
RGB Percent	51%, 53%, 0%
CMY	0.4902, 0.4745, 1.0000
CMYK	0.03, 0.00, 1.00, 0.47
HSL	62°, 100%, 26%
HSV	62°, 100%, 53%
XYZ	17.7310, 21.7960, 3.2725
YIQ	117.5280, 40.6300, -42.5220

Conversions

Conversions Part 2

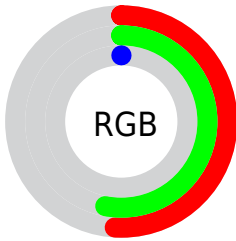
Format	Color
RYB	0, 134, 4
Decimal	8553984
CIELab	53.81, -15.21, 58.18
CIELCh	54, 60.135, 104.651
Yxy	21.7960, 0.4143, 0.5093
Android (android.graphics.Color)	4286744064 (0xFF828600)
YUV	117.5280, -57.9413, 10.9379
Hunter-Lab	46.6862, -13.9081, 28.5244

Details

The XYZ color **17.7310, 21.7960, 3.2725** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.3537, 1.7474, 22.6634**, and the grayscale version is **17.2394, 18.1372, 19.7514**.

A 20% lighter version of the original color is **39.0634, 46.3971, 12.3655**, and **6.3091, 8.0748, 1.2261** is the 20% darker color. If you saturate the color by 10%, you get **17.7314, 21.7970, 3.2727**, and if you desaturate by 10%, it is **17.8683, 21.8589, 3.6722**.

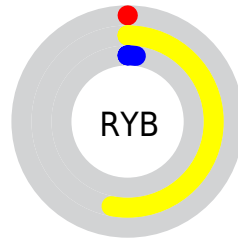
Distribution



Red (51%)

Green (53%)

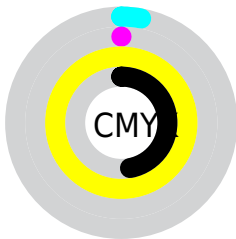
Blue (0%)



Red (0%)

Yellow (53%)

Blue (2%)

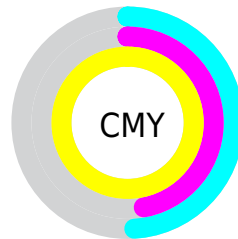


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (49%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7310, 21.7960, 3.2725 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 17.7310, 21.7960, 3.2725 by changing the saturation by 10% instead.

■ 17.7310, 21.7960,
3.2725

■ 17.7310, 21.7960,
3.2725

232.4255,
261.4791, 139.7590

■ 10.8555, 13.7071,
1.2354

■ 39.1121, 46.4086,
12.2938

■ 6.0364, 7.9172,
0.0080

■ 54.3485, 63.7011,
20.1150

■ 2.9081, 4.0420,
0.0000

■ 73.1025, 84.8302,
30.7014

■ 1.1053, 1.6971,
0.0000

■ 95.7396, 110.1803,
44.4714


■ 0.0296, 0.4218,
0.0000


■ 122.6251,
140.1359, 61.8436


■ 0.0000, 0.0000,
0.0000


■ 154.1243,


175.0813, 83.2366


 190.6027,
215.4009, 109.0689


 17.7310, 21.7960,
3.2725


 17.7310, 21.7960,
3.2725


 17.7314, 21.7970,
3.2727

 17.8683, 21.8589,
3.6722

 18.0504, 21.9388,
4.3087

 18.3034, 22.0472,
5.3171

 18.6358, 22.1874,
6.7426

 19.0550, 22.3623,
8.6239

■ 19.5675, 22.5745,
10.9953

■ 20.1793, 22.8265,
13.8877

■ 20.8956, 23.1203,
17.3297

■ 21.7215, 23.4580,
21.3477

Harmonies

Analogous

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



24.1809, 21.7960, 3.3025



17.7310, 21.7960, 3.2725



13.1561, 21.7960, 6.3557

Triad

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



17.7310, 21.7960, 3.2725



13.0774, 21.7960, 58.5361



35.1503, 21.7960, 34.4473

Complementary

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



17.7310, 21.7960, 3.2725



4.3537, 1.7474, 22.6634

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.



30.7287, 21.7960, 59.0965



17.7310, 21.7960, 3.2725



17.5998, 21.7960, 77.2150

Square

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



17.7310, 21.7960, 3.2725



10.8736, 21.7960, 33.9143



24.0195, 21.7960, 77.4612



35.2059, 21.7960, 15.8240

Rectangle

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



17.7310, 21.7960, 3.2725



11.3971, 21.7960, 11.5286



24.0195, 21.7960, 77.4612



34.0901, 21.7960, 42.4504

Sweetspot

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



17.7315, 21.7970, 3.2729



35.4743, 40.1838, 24.0981



9.8565, 5.1173, 0.4685



7.9017, 9.0159, 4.9998



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.



17.7315, 21.7970, 3.2729



31.2153, 38.3896, 5.7647



10.6906, 18.1673, 2.9434



5.0263, 5.4161, 5.0099



16.6176, 20.4266, 3.0669



0.0586, 0.0713, 0.0107

Inverse Universe

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



4.3537, 1.7474, 22.6634



7.6465, 3.0661, 39.9272



6.7747, 2.9955, 22.7767



4.4464, 4.5507, 5.8448



4.0813, 1.6381, 21.2378



0.0149, 0.0061, 0.0736

Previews

White Background



This preview shows how the XYZ color 17.7310, 21.7960, 3.2725 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 17.7310, 21.7960, 3.2725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

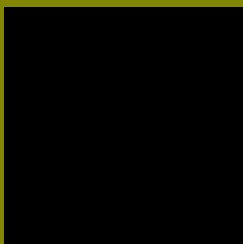
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.7310, 21.7960, 3.2725

Background



This preview shows how black text looks on a background with the XYZ color 17.7310, 21.7960, 3.2725.



This preview shows how white text looks on a background with the XYZ color 17.7310, 21.7960,

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

17.7310, 21.7960, 3.2725

Protanopia

19.5273, 21.7203, 3.1632

Deuteranopia

21.9952, 21.6546, 3.7299



Tritanopia

22.2842, 21.8774, 25.6025

Trichromacy



Original Color

17.7310, 21.7960, 3.2725

Protanomaly

18.9315, 21.8080, 3.2116

Deuteranomaly

20.1112, 21.4348, 3.4581

Tritanomaly

19.5122, 21.3285, 11.6827

Monochromacy



Original Color

17.7310, 21.7960, 3.2725

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.5037, 19.0609, 9.4659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7310, 21.7960, 3.2725 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(130, 134, 0)` looks like.

```
.text, #text, p{  
    color:rgb(130, 134, 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(130, 134, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 134, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.7310, 21.7960, 3.2725 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(130, 134, 0) }
```


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

```
.border{ border-color:rgb(130, 134, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 134, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 134, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 134, 0);  
box-shadow:4px 4px 4px 4px rgb(130, 134,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7310, 21.7960, 3.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 134, 0) }
```

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

```
.background{ background-color: rgb(130,  
134, 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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