

Converting Colors

XYZ(17.9669, 21.6946, 11.4055)

Have a look what the booklet for
XYZ(17.9669, 21.6946, 11.4055)
contains.

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Color

**XYZ(17.9716, 21.7397,
11.4326)**

Conversions

Conversions Part 1

Format	Color
Hex	798653
RGB	121, 134, 83
RGB Percent	47%, 53%, 33%
CMY	0.5255, 0.4745, 0.6745
CMYK	0.10, 0.00, 0.38, 0.47
HSL	75°, 24%, 43%
HSV	75°, 38%, 53%
XYZ	17.9716, 21.7397, 11.4326
YIQ	124.2990, 8.6230, -18.6170

Conversions

Conversions Part 2

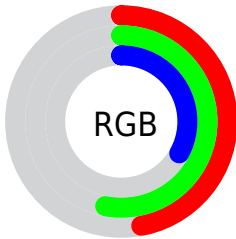
Format	Color
R_{YB}	83, 134, 96
Decimal	7964243
CIE _{Lab}	53.75, -13.66, 25.90
CIE _{LCh}	54, 29.288, 117.812
Yxy	21.7397, 0.3514, 0.4251
Android (android.graphics.Color)	4286154323 (0xFF798653)
YUV	124.2990, -20.3604, -2.8932
Hunter-Lab	46.6259, -12.7937, 18.1003

Details

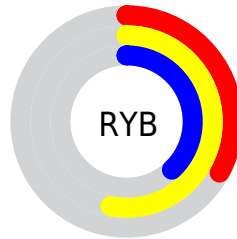
The XYZ color **17.9716, 21.7397, 11.4326** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.2211, 10.3951, 23.9179**, and the grayscale version is **19.3223, 20.3286, 22.1378**.

A 20% lighter version of the original color is **39.4595, 46.2328, 29.0344**, and **6.1028, 7.8138, 2.9368** is the 20% darker color. If you saturate the color by 10%, you get **17.0333, 21.3108, 8.9442**, and if you desaturate by 10%, it is **19.0280, 22.2193, 14.4495**.

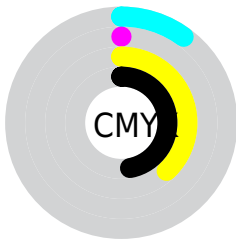
Distribution



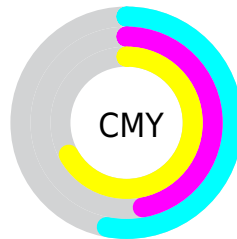
- Red (47%)
- Green (53%)
- Blue (33%)



- Red (33%)
- Yellow (53%)
- Blue (38%)



- Cyan (10%)
- Magenta (0%)
- Yellow (38%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9716, 21.7397, 11.4326 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 17.9716, 21.7397, 11.4326 by changing the saturation by 10% instead.

■ 17.9716, 21.7397,
11.4326

■ 17.9716, 21.7397,
11.4326

233.7596,
261.1839, 211.4547

■ 11.0292, 13.6658,
6.2408

■ 39.5194, 46.3154,
29.1062

■ 6.1539, 7.8886,
2.9209

■ 54.8555, 63.5860,
42.4250

■ 2.9804, 4.0237,
1.0544

■ 73.7201, 84.6908,
59.2899

■ 1.1434, 1.6868,
0.0000

■ 96.4787, 110.0144,
80.1195

■ 0.0610, 0.4151,
0.0000

■ 123.4966,
139.9411, 105.3322

■ 0.0000, 0.0000,
0.0000

155.1391,

174.8554, 135.3466

191.7717,
215.1415, 170.5813

■ 17.9716, 21.7397,
11.4326

■ 17.9716, 21.7397,
11.4326

■ 17.0333, 21.3108,
8.9442

■ 19.0280, 22.2193,
14.4495

■ 16.2055, 20.9273,
6.9524

■ 20.2063, 22.7489,
18.0215

■ 15.4822, 20.5875,
5.4241


■ 21.5122, 23.3316,
22.1751


■ 14.8560, 20.2884,
4.3216


■ 22.9505, 23.9692,
26.9347


■ 14.3184, 20.0267,
3.6011


■ 24.5258, 24.6636,
32.3235


 13.8509, 19.7948,
3.1654

 26.2423, 25.4166,
38.3630

 13.7632, 19.7513,
3.0870

 28.1041, 26.2298,
45.0742

 30.1151, 27.1047,
52.4769

 32.2792, 28.0430,
60.5900

Harmonies

Analogous

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



20.8944, 21.7397, 10.2536



17.9716, 21.7397, 11.4326



15.9621, 21.7397, 15.6016

Triad

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



17.9716, 21.7397, 11.4326



17.6101, 21.7397, 41.5310



27.3037, 21.7397, 24.3374

Complementary

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



17.9716, 21.7397, 11.4326



12.2211, 10.3951, 23.9179

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.



26.2064, 21.7397, 34.1306



17.9716, 21.7397, 11.4326



20.4332, 21.7397, 45.4995

Square

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



17.9716, 21.7397, 11.4326



15.7688, 21.7397, 32.6914



23.6104, 21.7397, 42.4991



26.4775, 21.7397, 16.4840

Rectangle

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



17.9716, 21.7397, 11.4326



15.3046, 21.7397, 20.2040



23.6104, 21.7397, 42.4991



27.1454, 21.7397, 27.5131

Sweetspot

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



17.9721, 21.7407, 11.4331



37.1433, 40.7686, 36.6259



15.5537, 14.0137, 10.0691



8.3093, 9.1586, 8.0637



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.



17.9721, 21.7407, 11.4331



30.1733, 37.6209, 16.1755



14.8848, 20.1491, 11.2886



4.9269, 5.3649, 5.0052



12.9076, 18.5141, 2.8933



0.0515, 0.0676, 0.0103

Inverse Universe

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



12.2211, 10.3951, 23.9179



18.4879, 14.5490, 41.5722



15.3174, 11.9913, 24.0628



4.5376, 4.5977, 5.8490



4.6649, 1.9390, 21.2651



0.0221, 0.0098, 0.0739

Previews

White Background



This preview shows how the XYZ color 17.9716, 21.7397, 11.4326 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 17.9716, 21.7397, 11.4326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

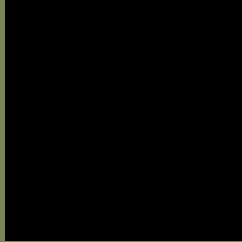
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.9716, 21.7397, 11.4326

Background



This preview shows how black text looks on a background with the XYZ color 17.9716, 21.7397, 11.4326.



This preview shows how white text looks on a background with the XYZ color 17.9716, 21.7397,

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

17.9716, 21.7397, 11.4326

Protanopia

20.0196, 21.6079, 10.9002

Deuteranopia

22.0891, 21.7078, 11.8299



Tritanopia

21.0068, 21.5741, 26.7239

Trichromacy



Original Color

17.9716, 21.7397, 11.4326

Protanomaly

19.1785, 21.5610, 11.1335

Deuteranomaly

20.3844, 21.5854, 11.6864

Tritanomaly

19.6510, 21.6096, 19.9650

Monochromacy



Original Color

17.9716, 21.7397, 11.4326

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.6479, 20.7534, 17.4910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9716, 21.7397, 11.4326 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(121, 134, 83)` looks like.

```
.text, #text, p{  
    color:rgb(121, 134, 83)  
}
```

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(121, 134, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 134, 83) }
```

Border

The CSS property to change the border of an element to XYZ 17.9716, 21.7397, 11.4326 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(121, 134, 83) }
```


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

```
.border{ border-color:rgb(121, 134, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 134, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 134, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 134, 83);  
box-shadow:4px 4px 4px 4px rgb(121, 134,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9716, 21.7397, 11.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 134, 83) }
```

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

```
.background{ background-color: rgb(121,  
134, 83) }
```

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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