

Converting Colors

XYZ(17.8308, 21.0462, 8.6877)

Have a look what the booklet for
XYZ(17.8308, 21.0462, 8.6877)
contains.

XYZ(17.9429, 21.1743, 8.7716)	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(17.9429, 21.1743,
8.7716)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8345
RGB	127, 131, 69
RGB Percent	50%, 51%, 27%
CMY	0.5020, 0.4863, 0.7294
CMYK	0.03, 0.00, 0.47, 0.49
HSL	64°, 31%, 39%
HSV	64°, 47%, 51%
XYZ	17.9429, 21.1743, 8.7716
YIQ	122.7360, 17.5180, -20.1300

Conversions

Conversions Part 2

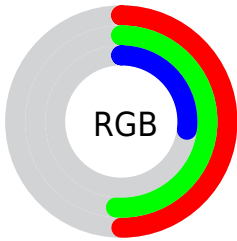
Format	Color
RYB	69, 131, 73
Decimal	8356677
CIELab	53.14, -11.19, 32.83
CIELCh	53, 34.683, 108.819
Yxy	21.1743, 0.3747, 0.4422
Android (android.graphics.Color)	4286546757 (0xFF7F8345)
YUV	122.7360, -26.4918, 3.7395
Hunter-Lab	46.0155, -10.9245, 20.9089

Details

The XYZ color **17.9429, 21.1743, 8.7716** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8.9733, 7.3119, 22.4124**, and the grayscale version is **18.8206, 19.8008, 21.5631**.

A 20% lighter version of the original color is **39.5263, 45.4366, 24.1397**, and **6.1426, 7.6290, 1.9079** is the 20% darker color. If you saturate the color by 10%, you get **17.4551, 20.9655, 6.8555**, and if you desaturate by 10%, it is **18.5226, 21.4215, 11.1616**.

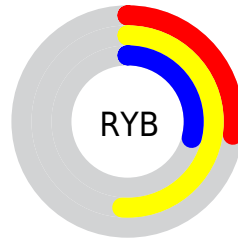
Distribution



Red (50%)

Green (51%)

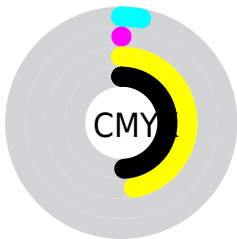
Blue (27%)



Red (27%)

Yellow (51%)

Blue (29%)

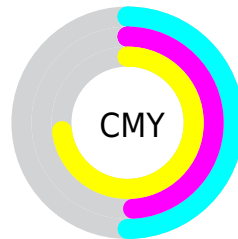


Cyan (3%)

Magenta (0%)

Yellow (47%)

Black (49%)



Cyan (50%)

Magenta (49%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9429, 21.1743, 8.7716 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 17.9429, 21.1743, 8.7716 by changing the saturation by 10% instead.

■ 17.9429, 21.1743,
8.7716

■ 17.9429, 21.1743,
8.7716

233.6008,
258.2034, 191.8197

■ 11.0084, 13.2515,
4.4977

■ 39.4708, 45.3774,
24.0284

■ 6.1398, 7.6019,
1.9022

■ 54.7951, 62.4265,
35.8485

■ 2.9718, 3.8413,
0.4941

■ 73.6465, 83.2865,
51.0210

■ 1.1389, 1.5852,
0.0000

■ 96.3907, 108.3418,
69.9646

■ 0.0572, 0.3476,
0.0000

■ 123.3928,
137.9767, 93.0977

■ 0.0000, 0.0000,
0.0000

155.0183,

172.5756, 120.8389

191.6325,
212.5231, 153.6067

■ 17.9429, 21.1743,
8.7716

■ 17.9429, 21.1743,
8.7716

■ 17.4551, 20.9655,
6.8555

■ 18.5226, 21.4215,
11.1616

■ 17.0517, 20.7897,
5.3805

■ 19.1981, 21.7065,
14.0527

■ 16.7265, 20.6454,
4.3117

■ 19.9749, 22.0321,
17.4719

■ 16.4717, 20.5293,
3.6085

■ 20.8576, 22.4001,
21.4434

■ 16.2716, 20.4353,
3.1873

■ 21.8507, 22.8125,
25.9904

■ 16.2202, 20.4110,
3.0848

■ 22.9583, 23.2707,
31.1346

■ 24.1842, 23.7765,
36.8963

■ 25.5321, 24.3311,
43.2953

■ 27.0058, 24.9362,
50.3502

Harmonies

Analogous

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



21.5190, 21.1743, 8.4123



17.9429, 21.1743, 8.7716



15.2868, 21.1743, 12.1814

Triad

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



17.9429, 21.1743, 8.7716



15.8445, 21.1743, 41.7595



27.8357, 21.1743, 27.1814

Complementary

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



17.9429, 21.1743, 8.7716



8.9733, 7.3119, 22.4124

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.



25.8907, 21.1743, 39.0055



17.9429, 21.1743, 8.7716



18.7936, 21.1743, 48.9675

Square

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



17.9429, 21.1743, 8.7716



14.1804, 21.1743, 30.1751



22.4784, 21.1743, 47.8300



27.5360, 21.1743, 17.1539

Rectangle

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



17.9429, 21.1743, 8.7716



14.2589, 21.1743, 16.5220



22.4784, 21.1743, 47.8300



27.4141, 21.1743, 31.1171

Sweetspot

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



17.9434, 21.1753, 8.7720



36.2235, 39.6425, 33.3180



12.7588, 9.9032, 6.8696



8.3670, 9.2018, 7.4594



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.



17.9434, 21.1753, 8.7720



31.1788, 37.5089, 11.9812



14.1104, 19.1993, 8.5927



5.0108, 5.4081, 5.0091



15.9662, 20.0908, 3.0364



0.0575, 0.0707, 0.0106

Inverse Universe

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



8.9733, 7.3119, 22.4124



13.0371, 9.4558, 39.5912



11.8305, 8.7849, 22.5461



4.4603, 4.5579, 5.8454



4.1377, 1.6672, 21.2404



0.0160, 0.0067, 0.0737

Previews

White Background



This preview shows how the XYZ color 17.9429, 21.1743, 8.7716 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 17.9429, 21.1743, 8.7716 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

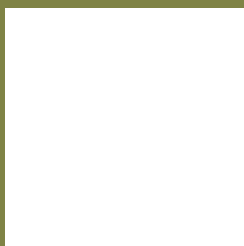
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9429, 21.1743, 8.7716

Background



This preview shows how black text looks on a background with the XYZ color 17.9429, 21.1743, 8.7716.



This preview shows how white text looks on a background with the XYZ color 17.9429, 21.1743,

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

17.9429, 21.1743, 8.7716

Protanopia

19.4480, 21.1715, 8.5303

Deuteranopia

21.4923, 21.0982, 8.9008



Tritanopia

21.2728, 21.1771, 25.1567

Trichromacy



Original Color

17.9429, 21.1743, 8.7716

Protanomaly

18.7542, 21.0066, 8.5351

Deuteranomaly

20.1162, 21.1292, 8.8125

Tritanomaly

19.7639, 21.1298, 17.7886

Monochromacy



Original Color

17.9429, 21.1743, 8.7716

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.2212, 20.1861, 15.7679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9429, 21.1743, 8.7716 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(127, 131, 69)` looks like.

```
.text, #text, p{  
    color:rgb(127, 131, 69)  
}
```

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(127, 131, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 131, 69) }
```

Border

The CSS property to change the border of an element to XYZ 17.9429, 21.1743, 8.7716 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(127, 131, 69) }
```


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

```
.border{ border-color:rgb(127, 131, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 131, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 131, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 131, 69);  
box-shadow:4px 4px 4px 4px rgb(127, 131,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9429, 21.1743, 8.7716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 131, 69) }
```

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

```
.background{ background-color: rgb(127,  
131, 69) }
```

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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