

Converting Colors

XYZ(17.6636, 21.0031, 11.2504)

Have a look what the booklet for
XYZ(17.6636, 21.0031, 11.2504)
contains.

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Color

**XYZ(17.7037, 20.9947,
11.3029)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8353
RGB	122, 131, 83
RGB Percent	48%, 51%, 33%
CMY	0.5216, 0.4863, 0.6745
CMYK	0.07, 0.00, 0.37, 0.49
HSL	71°, 22%, 42%
HSV	71°, 37%, 51%
XYZ	17.7037, 20.9947, 11.3029
YIQ	122.8370, 10.0440, -16.8360

Conversions

Conversions Part 2

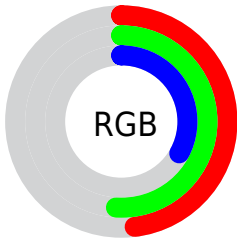
Format	Color
RYB	83, 131, 92
Decimal	8029011
CIELab	52.94, -11.62, 24.87
CIELCh	53, 27.455, 115.047
Yxy	20.9947, 0.3541, 0.4199
Android (android.graphics.Color)	4286219091 (0xFF7A8353)
YUV	122.8370, -19.6396, -0.7340
Hunter-Lab	45.8200, -11.2170, 17.4483

Details

The XYZ color **17.7037, 20.9947, 11.3029** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.6044, 10.1010, 22.8120**, and the grayscale version is **18.8338, 19.8146, 21.5781**.

A 20% lighter version of the original color is **39.0533, 45.0884, 28.8349**, and **6.0237, 7.5459, 2.8893** is the 20% darker color. If you saturate the color by 10%, you get **16.9017, 20.6349, 8.8701**, and if you desaturate by 10%, it is **18.6112, 21.3991, 14.2404**.

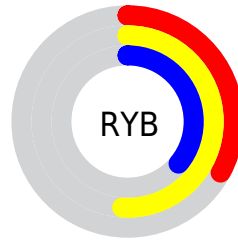
Distribution



Red (48%)

Green (51%)

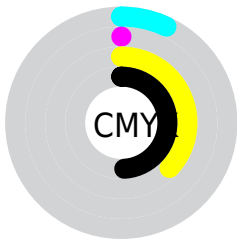
Blue (33%)



Red (33%)

Yellow (51%)

Blue (36%)

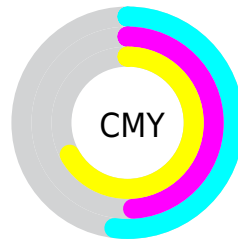


Cyan (7%)

Magenta (0%)

Yellow (37%)

Black (49%)



Cyan (52%)

Magenta (49%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7037, 20.9947, 11.3029 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 17.7037, 20.9947, 11.3029 by changing the saturation by 10% instead.

■ 17.7037, 20.9947,
11.3029

■ 17.7037, 20.9947,
11.3029

232.2736,
257.2503, 210.5455

■ 10.8359, 13.1201,
6.1542

■ 39.0658, 45.0787,
28.8641

■ 6.0231, 7.5113,
2.8688

■ 54.2909, 62.0569,
42.1137

■ 2.8999, 3.7839,
1.0280

■ 73.0323, 82.8385,
58.9007

■ 1.1010, 1.5534,
0.0000

■ 95.6556, 107.8078,
79.6436

■ 0.0260, 0.3259,
0.0000

■ 122.5260,
137.3493, 104.7610

■ 0.0000, 0.0000,
0.0000

154.0089,

171.8472, 134.6714

190.4696,
211.6861, 169.7934

■ 17.7037, 20.9947,
11.3029

■ 17.7037, 20.9947,
11.3029

■ 16.9017, 20.6349,
8.8701

■ 18.6112, 21.3991,
14.2404

■ 16.1980, 20.3148,
6.9123

■ 19.6276, 21.8474,
17.7076

■ 15.5873, 20.0328,
5.3986


■ 20.7581, 22.3424,
21.7292

■ 15.0629, 19.7864,
4.2941


■ 22.0072, 22.8858,
26.3281


■ 14.6169, 19.5723,
3.5585


■ 23.3790, 23.4794,
31.5259


 14.2354, 19.3850,
3.1177

 24.8775, 24.1246,
37.3432

 14.1122, 19.3243,
2.9862

 26.5063, 24.8231,
43.7993

 28.2692, 25.5763,
50.9130

 30.1695, 26.3855,
58.7022

Harmonies

Analogous

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



20.4361, 20.9947, 10.4319



17.7037, 20.9947, 11.3029



15.7563, 20.9947, 14.9329

Triad

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



17.7037, 20.9947, 11.3029



16.9510, 20.9947, 38.4550



25.9876, 20.9947, 24.2546

Complementary

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



17.7037, 20.9947, 11.3029



11.6044, 10.1010, 22.8120

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.



24.8399, 20.9947, 33.1879



17.7037, 20.9947, 11.3029



19.4811, 20.9947, 42.5499

Square

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



17.7037, 20.9947, 11.3029



15.3519, 20.9947, 30.2427



22.3891, 20.9947, 40.4219



25.3965, 20.9947, 16.7881

Rectangle

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



17.7037, 20.9947, 11.3029



15.0741, 20.9947, 19.0114



22.3891, 20.9947, 40.4219



25.7894, 20.9947, 27.1950

Sweetspot

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



17.7042, 20.9956, 11.3033



36.2119, 39.5890, 35.4629



14.7320, 13.0701, 9.9302



8.3775, 9.1938, 8.0669



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.



17.7042, 20.9956, 11.3033



30.4871, 37.0508, 16.5330



14.7370, 19.4660, 11.1645



4.9564, 5.3801, 5.0066



13.8927, 19.0219, 2.9394



0.0536, 0.0687, 0.0104

Inverse Universe

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



11.6044, 10.1010, 22.8120



17.8922, 14.5419, 40.3170



14.3666, 11.5250, 22.9412



4.5100, 4.5835, 5.8478



4.4187, 1.8121, 21.2536



0.0200, 0.0087, 0.0738

Previews

White Background



This preview shows how the XYZ color 17.7037, 20.9947, 11.3029 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 17.7037, 20.9947, 11.3029 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 17.7037, 20.9947, 11.3029

Background



This preview shows how black text looks on a background with the XYZ color 17.7037, 20.9947, 11.3029.



This preview shows how white text looks on a background with the XYZ color 17.7037, 20.9947,

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

17.7037, 20.9947, 11.3029

Protanopia

19.2626, 20.8342, 10.7907

Deuteranopia

21.2396, 20.9099, 11.5109



Tritanopia

20.7601, 21.0836, 25.8970

Trichromacy



Original Color

17.7037, 20.9947, 11.3029

Protanomaly

18.7579, 20.9531, 11.0383

Deuteranomaly

19.7491, 20.8828, 11.3774

Tritanomaly

19.3459, 20.8753, 19.5327

Monochromacy



Original Color

17.7037, 20.9947, 11.3029

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.3360, 20.2154, 17.1229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7037, 20.9947, 11.3029 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(122, 131, 83)` looks like.

```
.text, #text, p{  
    color:rgb(122, 131, 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(122, 131, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 131, 83) }
```

Border

The CSS property to change the border of an element to XYZ 17.7037, 20.9947, 11.3029 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(122, 131, 83) }
```


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

```
.border{ border-color:rgb(122, 131, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 131, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 131, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 131, 83);  
box-shadow:4px 4px 4px 4px rgb(122, 131,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7037, 20.9947, 11.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 131, 83) }
```

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

```
.background{ background-color: rgb(122,  
131, 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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