

Converting Colors

XYZ(17.7527, 21.6759, 9.2101)

Have a look what the booklet for
XYZ(17.7527, 21.6759, 9.2101)
contains.

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Color

**XYZ(17.6885, 21.6427,
9.2064)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8647
RGB	122, 134, 71
RGB Percent	48%, 53%, 28%
CMY	0.5216, 0.4745, 0.7216
CMYK	0.09, 0.00, 0.47, 0.47
HSL	71°, 31%, 40%
HSV	71°, 47%, 53%
XYZ	17.6885, 21.6427, 9.2064
YIQ	123.2300, 13.0710, -22.1370

Conversions

Conversions Part 2

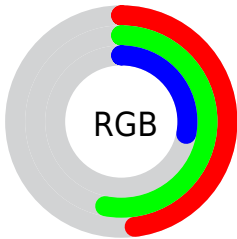
Format	Color
R_{YB}	71, 134, 83
Decimal	8029767
CIE _{Lab}	53.65, -14.73, 32.30
CIE _{LCh}	54, 35.498, 114.519
Yxy	21.6427, 0.3644, 0.4459
Android (android.graphics.Color)	4286219847 (0xFF7A8647)
YUV	123.2300, -25.7494, -1.0787
Hunter-Lab	46.5217, -13.5437, 20.8320

Details

The XYZ color **17.6885, 21.6427, 9.2064** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.1244, 8.0672, 23.5790**, and the grayscale version is **18.9826, 19.9712, 21.7486**.

A 20% lighter version of the original color is **39.1260, 46.1512, 24.9351**, and **6.0077, 7.7843, 2.0500** is the 20% darker color. If you saturate the color by 10%, you get **16.9485, 21.3062, 7.1693**, and if you desaturate by 10%, it is **18.5340, 22.0240, 11.7445**.

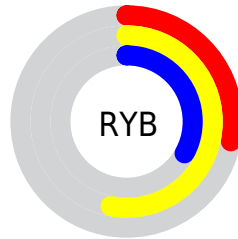
Distribution



Red (48%)

Green (53%)

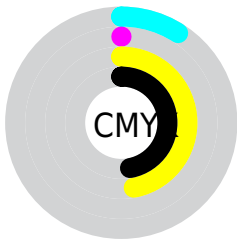
Blue (28%)



Red (28%)

Yellow (53%)

Blue (33%)

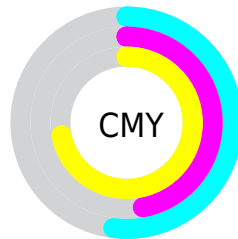


Cyan (9%)

Magenta (0%)

Yellow (47%)

Black (47%)



Cyan (52%)

Magenta (47%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6885, 21.6427, 9.2064 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 17.6885, 21.6427, 9.2064 by changing the saturation by 10% instead.

■ 17.6885, 21.6427,
9.2064

■ 17.6885, 21.6427,
9.2064

232.1891,
260.6746, 195.1847

■ 10.8249, 13.5946,
4.7774

■ 39.0401, 46.1547,
24.8758

■ 6.0156, 7.8392,
2.0608

■ 54.2588, 63.3875,
36.9532

■ 2.8953, 3.9923,
0.5923

■ 72.9932, 84.4505,
52.4172

■ 1.0987, 1.6692,
0.0000

■ 95.6088, 109.7283,
71.6863

■ 0.0240, 0.4036,
0.0000

■ 122.4708,
139.6052, 95.1791

■ 0.0000, 0.0000,
0.0000

153.9446,

174.4657, 123.3140

190.3956,
214.6940, 156.5097

■ 17.6885, 21.6427,
9.2064

■ 17.6885, 21.6427,
9.2064

■ 16.9485, 21.3062,
7.1693

■ 18.5340, 22.0240,
11.7445

■ 16.3059, 21.0091,
5.5985

■ 19.4891, 22.4494,
14.8124

■ 15.7542, 20.7493,
4.4573

■ 20.5597, 22.9222,
18.4383

■ 15.2851, 20.5237,
3.7028

■ 21.7509, 23.4443,
22.6482

■ 14.8831, 20.3260,
3.2538

■ 23.0672, 24.0177,
27.4661

■ 14.7676, 20.2690,
3.1340

■ 24.5131, 24.6439,
32.9151

■ 26.0928, 25.3249,
39.0168

■ 27.8103, 26.0621,
45.7919

■ 29.6693, 26.8571,
53.2600

Harmonies

Analogous

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



21.2756, 21.6427, 8.2830



17.6885, 21.6427, 9.2064



15.1822, 21.6427, 13.3971

Triad

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



17.6885, 21.6427, 9.2064



16.6192, 21.6427, 45.0092



28.7233, 21.6427, 25.6182

Complementary

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



17.6885, 21.6427, 9.2064



10.1244, 8.0672, 23.5790

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.



27.1036, 21.6427, 37.8962



17.6885, 21.6427, 9.2064



19.8816, 21.6427, 51.0912

Square

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



17.6885, 21.6427, 9.2064



14.6201, 21.6427, 33.3460



23.7502, 21.6427, 48.1524



27.9500, 21.6427, 15.9126

Rectangle

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



17.6885, 21.6427, 9.2064



14.3091, 21.6427, 18.4155



23.7502, 21.6427, 48.1524



28.4353, 21.6427, 29.5952

Sweetspot

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



17.6890, 21.6437, 9.2069



36.7691, 40.6248, 34.3891



14.0285, 11.6417, 7.4692



8.1989, 9.1151, 7.4515



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.



17.6890, 21.6437, 9.2069



29.8336, 37.5254, 12.5623



13.9726, 19.7278, 9.0329



4.9551, 5.3794, 5.0065



13.8471, 18.9984, 2.9372



0.0535, 0.0687, 0.0104

Inverse Universe

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



10.1244, 8.0672, 23.5790



14.8847, 10.6644, 41.0123



13.5030, 9.8090, 23.7371



4.5112, 4.5841, 5.8478



4.4281, 1.8169, 21.2540



0.0201, 0.0087, 0.0739

Previews

White Background



This preview shows how the XYZ color 17.6885, 21.6427, 9.2064 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 17.6885, 21.6427, 9.2064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

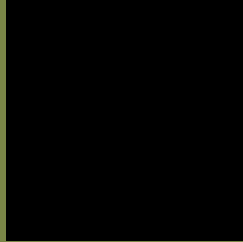
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.6885, 21.6427, 9.2064

Background



This preview shows how black text looks on a background with the XYZ color 17.6885, 21.6427, 9.2064.



This preview shows how white text looks on a background with the XYZ color 17.6885, 21.6427,

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

17.6885, 21.6427, 9.2064

Protanopia

19.7779, 21.5307, 8.7437

Deuteranopia

21.9059, 21.4814, 9.4703



Tritanopia

21.3106, 21.7307, 26.7382

Trichromacy



Original Color

17.6885, 21.6427, 9.2064

Protanomaly

18.9196, 21.4758, 8.9424

Deuteranomaly

20.1651, 21.3320, 9.3580

Tritanomaly

19.7157, 21.6695, 18.7663

Monochromacy



Original Color

17.6885, 21.6427, 9.2064

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.2564, 20.3892, 16.0700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6885, 21.6427, 9.2064 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, 134, 71)` looks like.

```
.text, #text, p{  
    color:rgb(122, 134, 71)  
}
```

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, 134, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 134, 71) }
```

Border

The CSS property to change the border of an element to XYZ 17.6885, 21.6427, 9.2064 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, 134, 71) }
```


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

```
.border{ border-color:rgb(122, 134, 71) }
```

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

Here you see how a box with a 4 pixel rgb(122, 134, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 134, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 134, 71);  
box-shadow:4px 4px 4px 4px rgb(122, 134,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6885, 21.6427, 9.2064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 134, 71) }
```

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

```
.background{ background-color: rgb(122,  
134, 71) }
```

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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