

Converting Colors

XYZ(21.2664, 29.1568, 11.0172)

Have a look what the booklet for
XYZ(21.2664, 29.1568, 11.0172)
contains.

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Color

**XYZ(21.2419, 29.2126,
10.9976)**

Conversions

Conversions Part 1

Format	Color
Hex	779F4A
RGB	119, 159, 74
RGB Percent	47%, 62%, 29%
CMY	0.5333, 0.3765, 0.7098
CMYK	0.25, 0.00, 0.53, 0.38
HSL	88°, 36%, 46%
HSV	88°, 53%, 62%
XYZ	21.2419, 29.2126, 10.9976
YIQ	137.3500, 3.4450, -34.9150

Conversions

Conversions Part 2

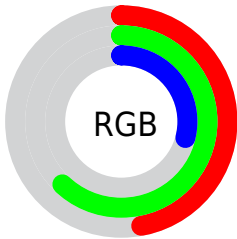
Format	Color
RYB	74, 159, 114
Decimal	7839562
CIELab	60.97, -28.33, 39.56
CIELCh	61, 48.663, 125.609
Yxy	29.2126, 0.3457, 0.4754
Android (android.graphics.Color)	4286029642 (0xFF779F4A)
YUV	137.3500, -31.2315, -16.0929
Hunter-Lab	54.0487, -24.4322, 25.7700

Details

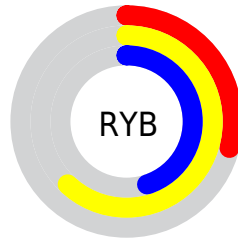
The XYZ color **21.2419, 29.2126, 10.9976** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **15.6475, 10.9790, 34.0970**, and the grayscale version is **24.0248, 25.2759, 27.5255**.

A 20% lighter version of the original color is **44.9818, 58.4580, 28.3148**, and **7.7373, 11.7746, 2.7291** is the 20% darker color. If you saturate the color by 10%, you get **19.7858, 28.5172, 8.4782**, and if you desaturate by 10%, it is **22.9157, 30.0065, 14.2352**.

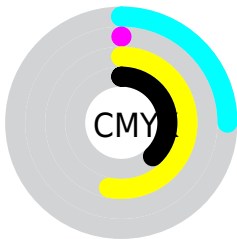
Distribution



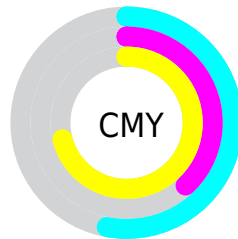
- Red (47%)
- Green (62%)
- Blue (29%)



- Red (29%)
- Yellow (62%)
- Blue (45%)



- Cyan (25%)
- Magenta (0%)
- Yellow (53%)
- Black (38%)




- Cyan (53%)
- Magenta (38%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.2419, 29.2126, 10.9976 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 21.2419, 29.2126, 10.9976 by changing the saturation by 10% instead.


 21.2419, 29.2126,
10.9976


 21.2419, 29.2126,
10.9976


251.2687,
298.2167, 208.3879


 13.4144, 19.2417,
5.9511


 44.9780, 58.4147,
28.2923

 7.7935, 11.8451,
2.7470


 61.6174, 78.4147,
41.3776


 4.0138, 6.6383,
0.9670


 81.9247, 102.5265,
57.9795

 1.7099, 3.2369,
0.0000

 106.2654,
131.1345, 78.5166

 0.4625, 1.2566,
0.0000

 135.0048,
164.6232, 103.4075

 0.0000, 0.1073,
0.0000

168.5082,

 0.0000, 0.0000,

203.3768, 133.0706

0.0000

207.1411,
247.7799, 167.9246

■ 21.2419, 29.2126,
10.9976

■ 21.2419, 29.2126,
10.9976

■ 19.7858, 28.5172,
8.4782

■ 22.9157, 30.0065,
14.2352

■ 18.5331, 27.9112,
6.6201

■ 24.8162, 30.8996,
18.2383

■ 17.4706, 27.3902,
5.3611

■ 26.9543, 31.8975,
23.0524

■ 16.5821, 26.9475,
4.6261

■ 29.3396, 33.0042,
28.7187

■ 16.0704, 26.6903,
4.3047

■ 31.9811, 34.2235,
35.2760

■ 34.8871, 35.5590,
42.7604

■ 38.0658, 37.0140,
51.2060

■ 41.5247, 38.5918,
60.6454

■ 45.2712, 40.2955,
71.1094

Harmonies

Analogous

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



26.5885, 29.2126, 8.1463



21.2419, 29.2126, 10.9976



18.0584, 29.2126, 19.4353

Triad

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



21.2419, 29.2126, 10.9976



23.0196, 29.2126, 75.5047



41.7867, 29.2126, 28.5083

Complementary

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



21.2419, 29.2126, 10.9976



15.6475, 10.9790, 34.0970

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.



40.4461, 29.2126, 48.5562



21.2419, 29.2126, 10.9976



28.9772, 29.2126, 80.8868

Square

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



21.2419, 29.2126, 10.9976



18.9698, 29.2126, 56.8416



35.5047, 29.2126, 69.5803



38.9308, 29.2126, 15.4739

Rectangle

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



21.2419, 29.2126, 10.9976



17.2782, 29.2126, 29.2033



35.5047, 29.2126, 69.5803



41.8165, 29.2126, 34.5622

Sweetspot

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



21.2426, 29.2139, 10.9982



51.2805, 58.5205, 48.3831



21.5150, 19.8260, 9.1718



11.3733, 13.1063, 10.4593



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.2426, 29.2139, 10.9982



35.0127, 50.8669, 14.5149



16.6822, 26.8629, 10.7848



6.8691, 7.5652, 7.0838



12.7409, 21.1049, 3.4021



0.2765, 0.4024, 0.0631

Inverse Universe

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



15.6475, 10.9790, 34.0970



23.9266, 14.7107, 60.3218



22.4505, 14.4861, 34.4153



6.5667, 6.5806, 8.3308



7.2716, 3.1777, 26.1373



0.1785, 0.0818, 0.4696

Previews

White Background



This preview shows how the XYZ color 21.2419, 29.2126, 10.9976 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 21.2419, 29.2126, 10.9976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

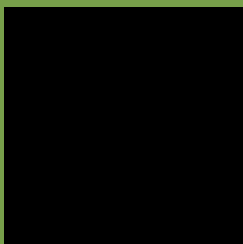
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.2419, 29.2126, 10.9976

Background



This preview shows how black text looks on a background with the XYZ color 21.2419, 29.2126, 10.9976.



This preview shows how white text looks on a background with the XYZ color 21.2419, 29.2126,

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

21.2419, 29.2126, 10.9976

Protanopia

26.4395, 28.9910, 9.9967

Deuteranopia

29.3798, 28.9044, 11.4278



Tritanopia

26.7880, 29.2466, 38.4157

Trichromacy



Original Color

21.2419, 29.2126, 10.9976

Protanomaly

24.0580, 28.6991, 10.2327

Deuteranomaly

25.6779, 28.5714, 11.1826

Tritanomaly

24.1729, 28.9062, 25.4245

Monochromacy



Original Color

21.2419, 29.2126, 10.9976

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.3686, 26.2115, 19.8000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2419, 29.2126, 10.9976 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(119, 159, 74)` looks like.

```
.text, #text, p{  
    color:rgb(119, 159, 74)  
}
```

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(119, 159, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 159, 74) }
```

Border

The CSS property to change the border of an element to XYZ 21.2419, 29.2126, 10.9976 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(119, 159, 74) }
```


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

```
.border{ border-color:rgb(119, 159, 74) }
```

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

Here you see how a box with a 4 pixel rgb(119, 159, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 159, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 159, 74);  
box-shadow:4px 4px 4px 4px rgb(119, 159,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2419, 29.2126, 10.9976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 159, 74) }
```

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

```
.background{ background-color: rgb(119,  
159, 74) }
```

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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