

Converting Colors

XYZ(21.5774, 27.8264, 6.5864)

Have a look what the booklet for
XYZ(21.5774, 27.8264, 6.5864)
contains.

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Color

**XYZ(21.5144, 27.7067,
6.5969)**

Conversions

Conversions Part 1

Format	Color
Hex	86982C
RGB	134, 152, 44
RGB Percent	53%, 60%, 17%
CMY	0.4745, 0.4039, 0.8274
CMYK	0.12, 0.00, 0.71, 0.40
HSL	70°, 55%, 38%
HSV	70°, 71%, 60%
XYZ	21.5144, 27.7067, 6.5969
YIQ	134.3060, 23.9400, -37.4040

Conversions

Conversions Part 2

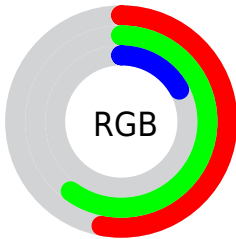
Format	Color
RYB	44, 152, 62
Decimal	8820780
CIELab	59.62, -21.24, 51.83
CIElCh	60, 56.016, 112.284
Yxy	27.7067, 0.3854, 0.4964
Android (android.graphics.Color)	4287010860 (0xFF86982C)
YUV	134.3060, -44.5209, -0.2684
Hunter-Lab	52.6372, -19.1567, 29.4153

Details

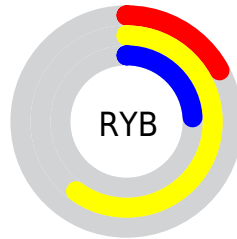
The XYZ color **21.5144, 27.7067, 6.5969** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.5558, 5.0932, 30.2396**, and the grayscale version is **22.9261, 24.1201, 26.2667**.

A 20% lighter version of the original color is **45.4642, 55.9528, 19.7130**, and **8.0470, 11.0567, 1.7100** is the 20% darker color. If you saturate the color by 10%, you get **20.8806, 27.4081, 5.3395**, and if you desaturate by 10%, it is **22.2639, 28.0547, 8.4072**.

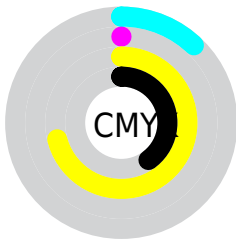
Distribution



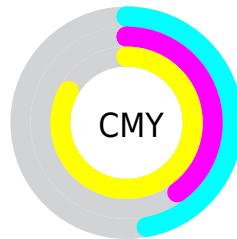
- Red (53%)
- Green (60%)
- Blue (17%)



- Red (17%)
- Yellow (60%)
- Blue (24%)



- Cyan (12%)
- Magenta (0%)
- Yellow (71%)
- Black (40%)





- Cyan (47%)
- Magenta (40%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.5144, 27.7067, 6.5969 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 21.5144, 27.7067, 6.5969 by changing the saturation by 10% instead.


 21.5144, 27.7067,
6.5969


 21.5144, 27.7067,
6.5969


252.6801,
291.0628, 173.7728


 13.6151, 18.1047,
3.1367


 45.4269, 56.0158,
19.6564


 7.9334, 11.0252,
1.1649


 62.1709, 75.4917,
30.0929


 4.1038, 6.0838,
0.0000

 82.5938, 99.0277,
43.6918

 1.7610, 2.8961,
0.0000

 107.0611,
127.0082, 60.8718

 0.4940, 1.0777,
0.0000

 135.9379,
159.8175, 82.0513

 0.0000, 0.0000,
0.0000

 169.5898,

197.8401, 107.6489

208.3821,
241.4604, 138.0832

■ 21.5144, 27.7067,
6.5969

■ 21.5144, 27.7067,
6.5969

■ 20.8806, 27.4081,
5.3395

■ 22.2639, 28.0547,
8.4072

■ 20.3484, 27.1502,
4.5695

■ 23.1374, 28.4525,
10.8227

■ 19.9313, 26.9440,
4.1502

■ 24.1447, 28.9049,
13.8916

■ 25.2940, 29.4152,
17.6569

■ 26.5929, 29.9865,
22.1576

■ 28.0483, 30.6216,
27.4302

■ 29.6666, 31.3230,
33.5086

■ 31.4541, 32.0933,
40.4246

■ 33.4164, 32.9347,
48.2085

Harmonies

Analogous

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



28.1996, 27.7067, 5.7134



21.5144, 27.7067, 6.5969



16.9884, 27.7067, 12.0855

Triad

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



21.5144, 27.7067, 6.5969



18.8715, 27.7067, 72.5631



42.2091, 27.7067, 35.6953

Complementary

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



21.5144, 27.7067, 6.5969



8.5558, 5.0932, 30.2396

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.



38.6003, 27.7067, 60.7533



21.5144, 27.7067, 6.5969



24.5533, 27.7067, 87.4294

Square

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



21.5144, 27.7067, 6.5969



15.6635, 27.7067, 47.4443



31.8253, 27.7067, 82.3442



41.0005, 27.7067, 17.6954

Rectangle

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



21.5144, 27.7067, 6.5969



15.4032, 27.7067, 19.8154



31.8253, 27.7067, 82.3442



41.4997, 27.7067, 43.6140

Sweetspot

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



21.5150, 27.7080, 6.5975



46.8497, 52.8882, 38.8009



15.1272, 10.3034, 3.5747



10.5116, 11.9608, 8.3375



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.5150, 27.7080, 6.5975



36.3073, 48.1117, 8.5648



14.9922, 24.3453, 6.2922



6.6078, 7.1708, 6.6417



16.7332, 22.6022, 3.4807



0.2738, 0.3501, 0.0531

Inverse Universe

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



8.5558, 5.0932, 30.2396



12.1573, 5.7805, 52.9087



13.7717, 7.7821, 30.4837



5.9757, 6.0734, 7.7863



5.1142, 2.0875, 25.0411



0.0976, 0.0421, 0.3754

Previews

White Background



This preview shows how the XYZ color 21.5144, 27.7067, 6.5969 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 21.5144, 27.7067, 6.5969 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 21.5144, 27.7067, 6.5969

Background



This preview shows how black text looks on a background with the XYZ color 21.5144, 27.7067, 6.5969.



This preview shows how white text looks on a background with the XYZ color 21.5144, 27.7067,

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

21.5144, 27.7067, 6.5969

Protanopia

25.0891, 27.6908, 6.2130

Deuteranopia

27.9703, 27.4223, 6.8365



Tritanopia

27.0998, 27.6657, 34.0487

Trichromacy



Original Color

21.5144, 27.7067, 6.5969

Protanomaly

23.6323, 27.6212, 6.3714

Deuteranomaly

25.3108, 27.3459, 6.7406

Tritanomaly

24.2440, 27.4127, 19.6362

Monochromacy



Original Color

21.5144, 27.7067, 6.5969

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.7054, 25.0577, 16.0045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5144, 27.7067, 6.5969 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(134, 152, 44)` looks like.

```
.text, #text, p{  
    color:rgb(134, 152, 44)  
}
```

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(134, 152, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 152, 44) }
```

Border

The CSS property to change the border of an element to XYZ 21.5144, 27.7067, 6.5969 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(134, 152, 44) }
```


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

```
.border{ border-color:rgb(134, 152, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 152, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 152, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 152, 44);  
box-shadow:4px 4px 4px 4px rgb(134, 152,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5144, 27.7067, 6.5969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 152, 44) }
```

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

```
.background{ background-color: rgb(134,  
152, 44) }
```

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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