

Converting Colors

XYZ(17.3295, 27.1413, 13.2720)

Have a look what the booklet for
XYZ(17.3295, 27.1413, 13.2720)
contains.

XYZ(17.3429, 27.1467, 13.3426)	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(17.3429, 27.1467,
13.3426)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9F57
RGB	79, 159, 87
RGB Percent	31%, 62%, 34%
CMY	0.6902, 0.3765, 0.6588
CMYK	0.50, 0.00, 0.45, 0.38
HSL	126°, 34%, 47%
HSV	126°, 50%, 62%
XYZ	17.3429, 27.1467, 13.3426
YIQ	126.8720, -24.5680, -39.3520

Conversions

Conversions Part 2

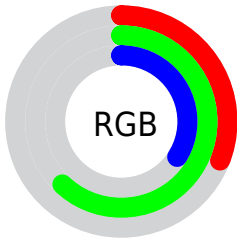
Format	Color
R_{YB}	79, 152, 159
Decimal	5218135
CIE _{Lab}	59.11, -40.15, 30.16
CIE _{LCh}	59, 50.220, 143.090
Yxy	27.1467, 0.2999, 0.4694
Android (android.graphics.Color)	4283408215 (0xFF4F9F57)
YUV	126.8720, -19.6569, -41.9837
Hunter-Lab	52.1025, -31.7636, 21.2885

Details

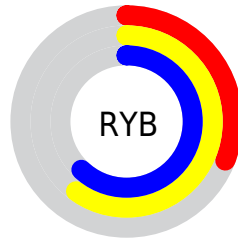
The XYZ color **17.3429, 27.1467, 13.3426** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **22.6808, 15.1977, 31.0170**, and the grayscale version is **20.2008, 21.2528, 23.1443**.

A 20% lighter version of the original color is **38.3069, 54.9147, 32.6254**, and **5.8734, 10.7905, 3.6927** is the 20% darker color. If you saturate the color by 10%, you get **15.6474, 26.3344, 10.5083**, and if you desaturate by 10%, it is **19.4720, 28.1707, 16.8034**.

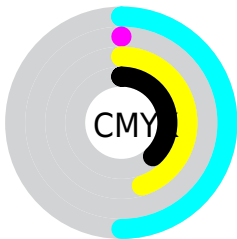
Distribution



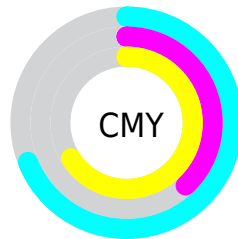
- Red (31%)
- Green (62%)
- Blue (34%)



- Red (31%)
- Yellow (60%)
- Blue (62%)



- Cyan (50%)
- Magenta (0%)
- Yellow (45%)
- Black (38%)



- Cyan (69%)
- Magenta (38%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3429, 27.1467, 13.3426 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 17.3429, 27.1467, 13.3426 by changing the saturation by 10% instead.

■ 17.3429, 27.1467,
13.3426

■ 17.3429, 27.1467,
13.3426

230.2587,
288.3667, 224.3862

■ 10.5761, 17.6834,
7.5314

■ 38.4533, 55.1192,
32.6181

■ 5.8477, 10.7229,
3.7131

■ 53.5277, 74.3972,
46.9194

■ 2.7925, 5.8809,
1.4693

■ 72.1019, 97.7156,
64.8879

■ 1.0450, 2.7728,
0.1949

■ 94.5413, 125.4587,
86.9421

■ 0.0000, 1.0143,
0.0000

■ 121.2114,
158.0110, 113.5005

■ 0.0000, 0.0000,
0.0000

152.4774,

195.7568, 144.9816

188.7047,
239.0806, 181.8040

■ 17.3429, 27.1467,
13.3426

■ 17.3429, 27.1467,
13.3426

■ 15.6474, 26.3344,
10.5083

■ 19.4720, 28.1707,
16.8034

■ 14.3537, 25.7159,
8.2613

■ 22.0597, 29.4162,
20.9232

■ 13.4288, 25.2758,
6.5609

■ 25.1314, 30.8964,
25.7343

■ 12.8336, 24.9949,
5.3605

■ 28.7102, 32.6226,
31.2664

■ 12.4915, 24.8345,
4.6216

■ 32.8175, 34.6052,
37.5474

■ 37.4736, 36.8542,
44.6039

■ 42.6978, 39.3788,
52.4611

■ 48.5083, 42.1881,
61.1429

■ 54.9225, 45.2905,
70.6725

Harmonies

Analogous

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



21.3738, 27.1467, 7.8678



17.3429, 27.1467, 13.3426



15.6235, 27.1467, 25.6111

Triad

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



17.3429, 27.1467, 13.3426



24.3844, 27.1467, 78.5254



38.4985, 27.1467, 18.0190

Complementary

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



17.3429, 27.1467, 13.3426



22.6808, 15.1977, 31.0170

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.



39.6520, 27.1467, 33.8912



17.3429, 27.1467, 13.3426



30.8034, 27.1467, 73.8175

Square

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



17.3429, 27.1467, 13.3426



19.2420, 27.1467, 66.4612



36.6429, 27.1467, 55.3932



33.7058, 27.1467, 9.7068

Rectangle

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



17.3429, 27.1467, 13.3426



15.7849, 27.1467, 38.0506



36.6429, 27.1467, 55.3932



39.3534, 27.1467, 22.4338

Sweetspot

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



17.3436, 27.1478, 13.3432



48.1138, 56.8289, 50.9042



26.5731, 31.9415, 12.1620



10.5644, 12.6756, 11.0386



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.



17.3436, 27.1478, 13.3432



27.8040, 47.0562, 18.4473



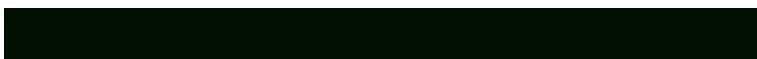
19.4541, 27.9920, 24.4571



6.5764, 7.4113, 7.2038



9.8737, 19.6174, 3.6917



0.1835, 0.3535, 0.1025

Inverse Universe

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



22.6808, 15.1977, 31.0170



38.4259, 23.2312, 53.5892



19.9641, 14.1111, 16.7109



6.8755, 6.7431, 8.1958



15.2236, 7.3940, 21.2261



0.2796, 0.1352, 0.4187

Previews

White Background



This preview shows how the XYZ color 17.3429, 27.1467, 13.3426 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 17.3429, 27.1467, 13.3426 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 17.3429, 27.1467, 13.3426

Background



This preview shows how black text looks on a background with the XYZ color 17.3429, 27.1467, 13.3426.



This preview shows how white text looks on a background with the XYZ color 17.3429, 27.1467, 13.3426.

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

17.3429, 27.1467, 13.3426

Protanopia

24.5276, 26.6124, 11.6285

Deuteranopia

27.2173, 26.6643, 14.0681



Tritanopia

22.2518, 26.9081, 38.2034

Trichromacy



Original Color

17.3429, 27.1467, 13.3426

Protanomaly

20.9036, 26.3164, 12.1614

Deuteranomaly

22.1781, 26.0202, 13.7510

Tritanomaly

19.9809, 26.7054, 27.0232

Monochromacy



Original Color

17.3429, 27.1467, 13.3426

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.5877, 22.9501, 18.7794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3429, 27.1467, 13.3426 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(79, 159, 87)` looks like.

```
.text, #text, p{  
    color:rgb(79, 159, 87)  
}
```

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(79, 159, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 159, 87) }
```

Border

The CSS property to change the border of an element to XYZ 17.3429, 27.1467, 13.3426 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(79, 159, 87) }
```


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

```
.border{ border-color:rgb(79, 159, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 159, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 159, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 159, 87);  
box-shadow:4px 4px 4px 4px rgb(79, 159,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3429, 27.1467, 13.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 159, 87) }
```

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

```
.background{ background-color: rgb(79, 159,  
87) }
```

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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