

Converting Colors

XYZ(28.6076, 42.5137, 39.3641)

Have a look what the booklet for
XYZ(28.6076, 42.5137, 39.3641)
contains.

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Color

**XYZ(28.7742, 42.7490,
39.5357)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4FC29F |
| RGB | 79, 194, 159 |
| RGB Percent | 31%, 76%, 62% |
| CMY | 0.6902, 0.2392, 0.3765 |
| CMYK | 0.59, 0.00, 0.18, 0.24 |
| HSL | 162°, 49%, 54% |
| HSV | 162°, 59%, 76% |
| XYZ | 28.7742, 42.7490, 39.5357 |
| YIQ | 155.6250, -57.3050, -35.2650 |

Conversions

Conversions Part 2

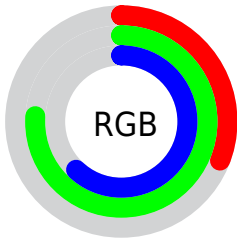
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 79, 147, 194 |
| Decimal | 5227167 |
| CIELab | 71.38, -40.93, 7.98 |
| CIELCh | 71, 41.696, 168.967 |
| Yxy | 42.7490, 0.2591, 0.3849 |
| Android (android.graphics.Color) | 4283417247 (0xFF4FC29F) |
| YUV | 155.6250, 1.6639, -67.2001 |
| Hunter-Lab | 65.3827, -35.8639, 9.9164 |

Details

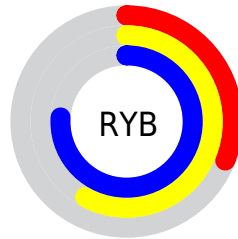
The XYZ color **28.7742, 42.7490, 39.5357** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **28.0827, 18.2772, 17.9688**, and the grayscale version is **31.4450, 33.0826, 36.0269**.

A 20% lighter version of the original color is **57.1160, 79.2527, 75.9053**, and **12.0849, 19.8389, 17.3797** is the 20% darker color. If you saturate the color by 10%, you get **26.8899, 41.8365, 36.8369**, and if you desaturate by 10%, it is **31.1562, 43.9174, 42.3874**.

Distribution



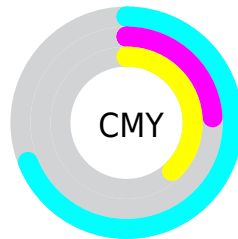
- Red (31%)
- Green (76%)
- Blue (62%)



- Red (31%)
- Yellow (58%)
- Blue (76%)



- Cyan (59%)
- Magenta (0%)
- Yellow (18%)
- Black (24%)



- Cyan (69%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7742, 42.7490, 39.5357 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 28.7742, 42.7490, 39.5357 by changing the saturation by 10% instead.


 28.7742, 42.7490,
39.5357


 28.7742, 42.7490,
39.5357


288.1615,
357.5785, 359.6564


 19.0535, 29.6882,
26.8657


 57.1182, 79.3320,
75.6853


 11.8132, 19.6021,
17.2408


 76.4722, 103.6229,
100.0020

 6.6879, 12.1061,
10.2426


 99.7680, 132.4261,
129.0380

 3.3123, 6.8160,
5.4524

 127.3709,
166.1258, 163.2118

 1.3210, 3.3473,
2.4517

159.6464,
205.1065, 202.9420

 0.1988, 1.3156,
0.8144

196.9598,

 0.0000, 0.1532,

249.7526, 248.6472

0.0000

239.6764,
300.4485, 300.7458

■ 0.0000, 0.0000,
0.0000

■ 28.7742, 42.7490,
39.5357

■ 28.7742, 42.7490,
39.5357

■ 26.8899, 41.8365,
36.8369

■ 31.1562, 43.9174,
42.3874

■ 25.4570, 41.1528,
34.2844

■ 34.0698, 45.3559,
45.3926

■ 24.4267, 40.6740,
31.8750

■ 37.5501, 47.0837,
48.5556

■ 23.7102, 40.3541,
29.6026

■ 41.6279, 49.1165,
51.8793

■ 23.6626, 40.3331,
29.4433

■ 46.3320, 51.4692,
55.3670

■ 51.6890, 54.1556,
59.0213

■ 57.7243, 57.1885,
62.8450

■ 64.4615, 60.5802,
66.8408

■ 71.9235, 64.3424,
71.0113

Harmonies

Analogous

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



31.2791, 42.7490, 25.5065



28.7742, 42.7490, 39.5357



29.1599, 42.7490, 60.2709

Triad

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



28.7742, 42.7490, 39.5357



45.1772, 42.7490, 93.4929



50.1495, 42.7490, 23.0572

Complementary

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



28.7742, 42.7490, 39.5357



28.0827, 18.2772, 17.9688

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.



54.7753, 42.7490, 35.0816



28.7742, 42.7490, 39.5357



51.6841, 42.7490, 76.8050

Square

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



28.7742, 42.7490, 39.5357



38.1037, 42.7490, 95.7136



55.3672, 42.7490, 54.3404



43.2690, 42.7490, 17.9859

Rectangle

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



28.7742, 42.7490, 39.5357



31.0173, 42.7490, 75.3246



55.3672, 42.7490, 54.3404



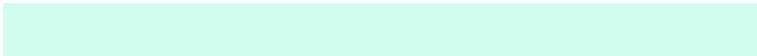
52.0520, 42.7490, 26.2277

Sweetspot

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



28.7754, 42.7507, 39.5367



76.2103, 89.3800, 94.6023



27.8295, 42.8230, 14.1967



16.1765, 19.3173, 20.3170



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



28.7754, 42.7507, 39.5367



47.8966, 75.4009, 65.3927



27.8909, 35.4140, 56.4064



10.2337, 11.3745, 12.2342



15.5947, 26.5320, 19.5568



0.7033, 1.1582, 1.0003

Inverse Universe

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



28.0827, 18.2772, 17.9688



46.5852, 27.1247, 23.1211



28.2259, 21.1653, 9.9954



10.1966, 10.1272, 11.1258



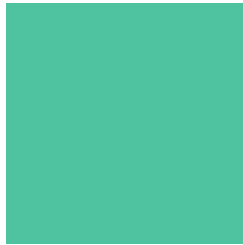
15.1797, 7.7616, 3.5923



0.6873, 0.3479, 0.3207

Previews

White Background



This preview shows how the XYZ color 28.7742, 42.7490, 39.5357 looks on a white background.

Color Contrast Check

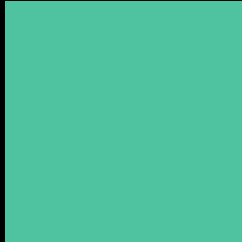
Large Text (above 18pt) WCAG AA × Fail

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 28.7742, 42.7490, 39.5357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

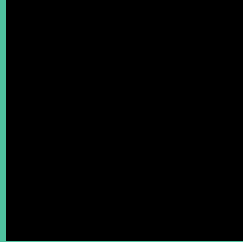
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.7742, 42.7490, 39.5357

Background



This preview shows how black text looks on a background with the XYZ color 28.7742, 42.7490, 39.5357.



This preview shows how white text looks on a background with the XYZ color 28.7742, 42.7490,

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

28.7742, 42.7490, 39.5357

Protanopia

39.5803, 41.9703, 34.0320

Deuteranopia

43.0423, 42.1912, 41.4725



Tritanopia

33.4820, 42.7111, 62.9793

Trichromacy



Original Color

28.7742, 42.7490, 39.5357



Protanomaly

33.8684, 41.3345, 35.8991



Deuteranomaly

35.2819, 40.7640, 40.6590



Tritanomaly

31.5029, 42.5386, 53.5641

Monochromacy



Original Color

28.7742, 42.7490, 39.5357



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

29.3626, 35.7730, 37.2556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7742, 42.7490, 39.5357 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, 194, 159)` looks like.

```
.text, #text, p{  
    color:rgb(79, 194, 159)  
}
```

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, 194, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 194, 159) }
```

Border

The CSS property to change the border of an element to XYZ 28.7742, 42.7490, 39.5357 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, 194, 159) }
```


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

```
.border{ border-color:rgb(79, 194, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 194, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 194, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 194, 159);  
box-shadow:4px 4px 4px 4px rgb(79, 194,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7742, 42.7490, 39.5357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 194, 159) }
```

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

```
.background{ background-color: rgb(79, 194,  
159) }
```

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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