

Converting Colors

XYZ(28.1092, 39.3555, 26.6197)

Have a look what the booklet for
XYZ(28.1092, 39.3555, 26.6197)
contains.

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Color

**XYZ(28.2392, 39.5525,
26.5681)**

Conversions

Conversions Part 1

Format	Color
Hex	74B880
RGB	116, 184, 128
RGB Percent	45%, 72%, 50%
CMY	0.5451, 0.2784, 0.4980
CMYK	0.37, 0.00, 0.30, 0.28
HSL	131°, 32%, 59%
HSV	131°, 37%, 72%
XYZ	28.2392, 39.5525, 26.5681
YIQ	157.2840, -22.5520, -31.8320

Conversions

Conversions Part 2

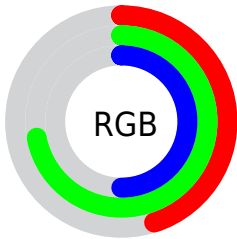
Format	Color
RYB	116, 174, 184
Decimal	7649408
CIELab	69.15, -33.39, 21.83
CIELCh	69, 39.892, 146.818
Yxy	39.5525, 0.2993, 0.4192
Android (android.graphics.Color)	4285839488 (0xFF74B880)
YUV	157.2840, -14.4370, -36.2061
Hunter-Lab	62.8908, -29.9088, 18.9766

Details

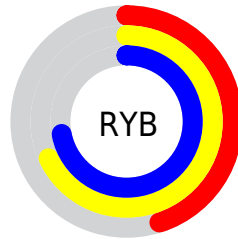
The XYZ color **28.2392, 39.5525, 26.5681** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **33.4602, 25.6604, 42.2205**, and the grayscale version is **32.2468, 33.9262, 36.9456**.

A 20% lighter version of the original color is **56.0781, 74.2024, 55.0829**, and **11.4721, 17.6053, 10.0012** is the 20% darker color. If you saturate the color by 10%, you get **25.1074, 38.0459, 21.5984**, and if you desaturate by 10%, it is **32.0065, 41.3718, 32.3468**.

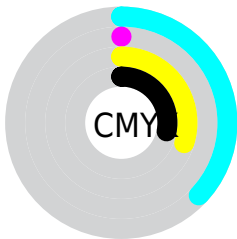
Distribution



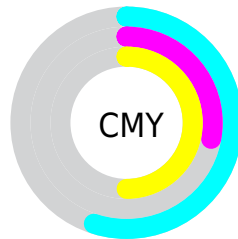
- Red (45%)
- Green (72%)
- Blue (50%)



- Red (45%)
- Yellow (68%)
- Blue (72%)



- Cyan (37%)
- Magenta (0%)
- Yellow (30%)
- Black (28%)





- Cyan (55%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2392, 39.5525, 26.5681 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 28.2392, 39.5525, 26.5681 by changing the saturation by 10% instead.


 28.2392, 39.5525,
26.5681


 28.2392, 39.5525,
26.5681


285.6675,
344.2338, 299.2535


 18.6474, 27.1898,
17.0196


 56.2721, 74.4816,
55.1853

 11.5183, 17.7158,
10.0863


 75.4439, 97.8168,
75.0911

 6.4864, 10.7462,
5.3499


 98.5398, 125.5783,
99.2863

 3.1865, 5.8964,
2.3917

125.9251,
158.1504, 128.1895

 1.2531, 2.7822,
0.7819

157.9652,
195.9177, 162.2193

 0.1477, 1.0191,
0.0000

195.0253,

 0.0000, 0.0000,

239.2644, 201.7943

0.0000

237.4710,
288.5750, 247.3328

■ 28.2392, 39.5525,
26.5681

■ 28.2392, 39.5525,
26.5681

■ 25.1074, 38.0459,
21.5984

■ 32.0065, 41.3718,
32.3468

■ 22.5726, 36.8295,
17.3991

■ 36.4388, 43.5148,
38.9656

■ 20.5971, 35.8858,
13.9324


■ 41.5674, 45.9982,
46.4572


■ 19.1374, 35.1932,
11.1559


■ 47.4207, 48.8359,
54.8518


■ 18.1431, 34.7268,
9.0235


■ 54.0256, 52.0413,
64.1781

 17.5466, 34.4528,
7.4824

 61.4076, 55.6268,
74.4635

 17.4084, 34.3894,
7.1207

 69.5908, 59.6044,
85.7344

 75.5156, 62.3963,
97.8717

 76.4313, 62.7625,
102.6938

Harmonies

Analogous

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



32.3299, 39.5525, 18.7191



28.2392, 39.5525, 26.5681



26.6345, 39.5525, 41.1466

Triad

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



28.2392, 39.5525, 26.5681



36.9172, 39.5525, 88.4877



49.6285, 39.5525, 29.0898

Complementary

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



28.2392, 39.5525, 26.5681



33.4602, 25.6604, 42.2205

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.



51.2089, 39.5525, 45.0441



28.2392, 39.5525, 26.5681



43.3994, 39.5525, 82.6078

Square

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



28.2392, 39.5525, 26.5681



31.2758, 39.5525, 79.6359



48.8142, 39.5525, 65.2784



44.7093, 39.5525, 19.8597

Rectangle

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



28.2392, 39.5525, 26.5681



27.0382, 39.5525, 54.0428



48.8142, 39.5525, 65.2784



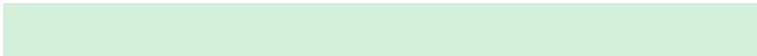
50.5903, 39.5525, 33.6862

Sweetspot

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



28.2402, 39.5542, 26.5690



71.2622, 81.4009, 78.2762



37.4544, 44.3902, 23.1173



15.0935, 17.4180, 16.4817



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.2402, 39.5542, 26.5690



46.6773, 69.5259, 41.0295



30.8065, 40.5807, 40.0830



8.9533, 10.0853, 9.9117



12.0162, 23.7074, 5.0072



0.4436, 0.8437, 0.2816

Inverse Universe

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



33.4602, 25.6604, 42.2205



57.4534, 40.8123, 73.3170



30.6495, 24.5362, 27.4198



9.3111, 9.1348, 10.9855



17.5262, 8.5842, 21.1894



0.6359, 0.3098, 0.8422

Previews

White Background



This preview shows how the XYZ color 28.2392, 39.5525, 26.5681 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 28.2392, 39.5525, 26.5681 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 28.2392, 39.5525, 26.5681

Background



This preview shows how black text looks on a background with the XYZ color 28.2392, 39.5525, 26.5681.



This preview shows how white text looks on a background with the XYZ color 28.2392, 39.5525,

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

28.2392, 39.5525, 26.5681

Protanopia

36.5099, 39.2095, 23.7331

Deuteranopia

39.7435, 38.9190, 27.6077



Tritanopia

33.8729, 39.4355, 54.5417

Trichromacy



Original Color

28.2392, 39.5525, 26.5681

Protanomaly

32.6788, 38.8954, 24.8540

Deuteranomaly

34.2211, 38.2301, 27.0482

Tritanomaly

31.4073, 39.3153, 42.4925

Monochromacy



Original Color

28.2392, 39.5525, 26.5681

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.1624, 35.4635, 32.4496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2392, 39.5525, 26.5681 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(116, 184, 128)` looks like.

```
.text, #text, p{  
    color:rgb(116, 184, 128)  
}
```

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(116, 184, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 184, 128) }
```

Border

The CSS property to change the border of an element to XYZ 28.2392, 39.5525, 26.5681 is called "border". The border property can be set on classes, ids or directly on the HTML element.

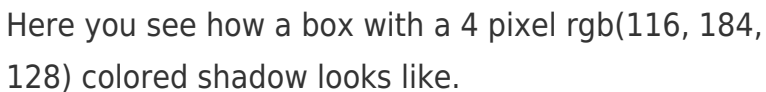
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 184, 128) }
```


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

```
.border{ border-color:rgb(116, 184, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 184, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 184, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 184, 128); box-shadow:4px 4px 4px 4px rgb(116, 184, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2392, 39.5525, 26.5681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 184, 128) }
```

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

```
.background{ background-color: rgb(116,  
184, 128) }
```

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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