

Converting Colors

XYZ(28.8318, 47.4282, 39.1922)

Have a look what the booklet for
XYZ(28.8318, 47.4282, 39.1922)
contains.

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Color

**XYZ(28.7145, 47.2326,
39.0559)**

Conversions

Conversions Part 1

Format	Color
Hex	19CF9C
RGB	25, 207, 156
RGB Percent	10%, 81%, 61%
CMY	0.9019, 0.1882, 0.3882
CMYK	0.88, 0.00, 0.25, 0.19
HSL	163°, 78%, 45%
HSV	163°, 88%, 81%
XYZ	28.7145, 47.2326, 39.0559
YIQ	146.7680, -92.1010, -54.4450

Conversions

Conversions Part 2

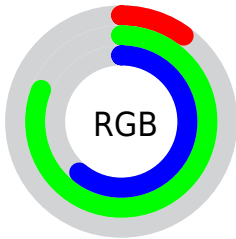
Format	Color
RYB	25, 131, 207
Decimal	1691548
CIELab	74.34, -53.89, 13.65
CIELCh	74, 55.593, 165.784
Yxy	47.2326, 0.2497, 0.4107
Android (android.graphics.Color)	4279881628 (0xFF19CF9C)
YUV	146.7680, 4.5514, -106.7905
Hunter-Lab	68.7260, -45.6911, 14.4146

Details

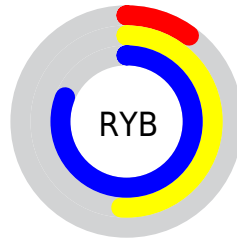
The XYZ color **28.7145, 47.2326, 39.0559** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **27.3860, 14.4838, 8.1926**, and the grayscale version is **27.6487, 29.0886, 31.6775**.

A 20% lighter version of the original color is **53.7022, 79.4113, 74.1255**, and **13.6164, 23.1531, 17.1159** is the 20% darker color. If you saturate the color by 10%, you get **27.8888, 46.8635, 36.5147**, and if you desaturate by 10%, it is **29.9316, 47.8031, 41.7401**.

Distribution



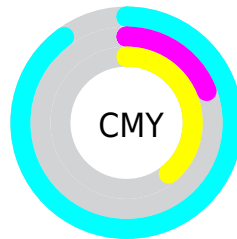
- Red (10%)
- Green (81%)
- Blue (61%)



- Red (10%)
- Yellow (51%)
- Blue (81%)



- Cyan (88%)
- Magenta (0%)
- Yellow (25%)
- Black (19%)





- Cyan (90%)
- Magenta (19%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7145, 47.2326, 39.0559 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 28.7145, 47.2326, 39.0559 by changing the saturation by 10% instead.


 28.7145, 47.2326,
39.0559


 28.7145, 47.2326,
39.0559


287.8841,
375.7422, 357.5612


 19.0081, 33.2196,
26.4951


 57.0239, 86.0607,
74.9450


 11.7802, 22.2947,
16.9653


 76.3576, 111.6446,
99.1103


 6.6653, 14.0736,
10.0480


 99.6312, 141.8542,
127.9809

 3.2981, 8.1719,
5.3248

 127.2100,
177.0740, 161.9752

 1.3133, 4.2051,
2.3770

 159.4593,
217.6882, 201.5119

 0.1932, 1.7890,
0.7739

196.7445,

 0.0000, 0.4803,

264.0815, 247.0094

0.0000

239.4310,
316.6380, 298.8863

■ 0.0000, 0.0000,
0.0000

■ 28.7145, 47.2326,
39.0559

■ 28.7145, 47.2326,
39.0559

■ 27.8888, 46.8635,
36.5147

■ 29.9316, 47.8031,
41.7401

■ 27.7378, 46.7969,
36.0011

■ 31.6195, 48.6124,
44.5694

■ 33.8370, 49.6919,
47.5492

■ 36.6332, 51.0669,
50.6835

■ 40.0513, 52.7597,
53.9759

■ 44.1305, 54.7903,
57.4296

■ 48.9066, 57.1774,
61.0480

■ 54.4127, 59.9378,
64.8340

■ 60.6799, 63.0876,
68.7905

Harmonies

Analogous

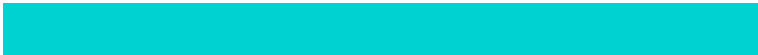
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.4741, 47.2326, 21.7916



28.7145, 47.2326, 39.0559



28.8158, 47.2326, 67.9092

Triad

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



28.7145, 47.2326, 39.0559



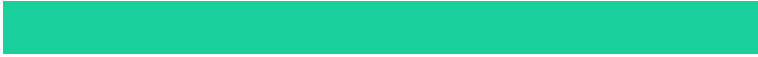
50.3293, 47.2326, 124.7039



59.6814, 47.2326, 21.1956

Complementary

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



28.7145, 47.2326, 39.0559



27.3860, 14.4838, 8.1926

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.



66.0547, 47.2326, 37.8561



28.7145, 47.2326, 39.0559



60.1326, 47.2326, 100.1818

Square

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



28.7145, 47.2326, 39.0559



40.3349, 47.2326, 125.4096



66.2311, 47.2326, 66.1712



49.7825, 47.2326, 14.3863

Rectangle

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



28.7145, 47.2326, 39.0559



31.0317, 47.2326, 90.8164



66.2311, 47.2326, 66.1712



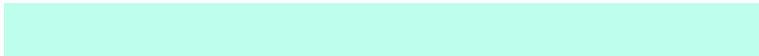
62.3677, 47.2326, 25.4809

Sweetspot

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



28.7158, 47.2344, 39.0570



71.8733, 88.3810, 92.9481



25.5159, 46.2578, 8.5043



14.8533, 18.6525, 19.4698



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.



28.7158, 47.2344, 39.0570



44.3633, 74.9613, 57.2245



25.5879, 32.5596, 63.9696



12.0112, 13.3482, 14.4152



17.5176, 29.5000, 22.9033



1.0124, 1.6626, 1.4538

Inverse Universe

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



27.3860, 14.4838, 8.1926



42.3922, 21.7209, 7.9976



27.7673, 17.0533, 2.7486



11.9430, 11.8619, 12.9755



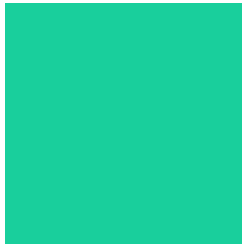
16.7288, 8.5644, 3.4782



0.9694, 0.4925, 0.3739

Previews

White Background



This preview shows how the XYZ color 28.7145, 47.2326, 39.0559 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 28.7145, 47.2326, 39.0559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

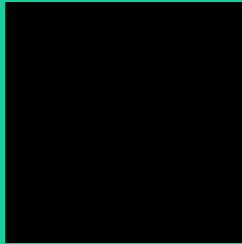
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

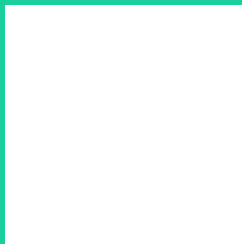
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.7145, 47.2326, 39.0559

Background



This preview shows how black text looks on a background with the XYZ color 28.7145, 47.2326, 39.0559.

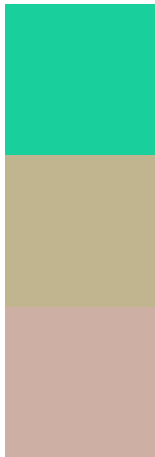


This preview shows how white text looks on a background with the XYZ color 28.7145, 47.2326,

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

28.7145, 47.2326, 39.0559

Protanopia

43.4741, 46.3684, 32.6453

Deuteranopia

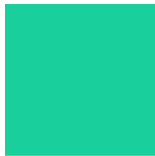
47.1177, 46.2834, 41.1006



Tritanopia

35.1434, 47.0184, 71.5132

Trichromacy



Original Color

28.7145, 47.2326, 39.0559



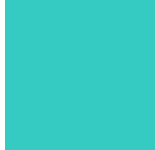
Protanomaly

33.2745, 43.8706, 34.7311



Deuteranomaly

34.9307, 43.6542, 39.8428



Tritanomaly

32.3263, 46.8930, 58.3864

Monochromacy



Original Color

28.7145, 47.2326, 39.0559



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

25.2865, 33.4615, 33.9801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7145, 47.2326, 39.0559 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(25, 207, 156)` looks like.

```
.text, #text, p{  
    color:rgb(25, 207, 156)  
}
```

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(25, 207, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 207, 156) }
```

Border

The CSS property to change the border of an element to XYZ 28.7145, 47.2326, 39.0559 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(25, 207, 156) }
```


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

```
.border{ border-color:rgb(25, 207, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 207, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 207, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 207, 156);  
box-shadow:4px 4px 4px 4px rgb(25, 207,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7145, 47.2326, 39.0559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 207, 156) }
```

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

```
.background{ background-color: rgb(25, 207,  
156) }
```

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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