

Converting Colors

XYZ(29.2466, 39.9987, 32.2533)

Have a look what the booklet for
XYZ(29.2466, 39.9987, 32.2533)
contains.

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Color

**XYZ(29.1686, 39.9090,
32.1525)**

Conversions

Conversions Part 1

Format	Color
Hex	73B88F
RGB	115, 184, 143
RGB Percent	45%, 72%, 56%
CMY	0.5490, 0.2784, 0.4392
CMYK	0.38, 0.00, 0.22, 0.28
HSL	144°, 33%, 59%
HSV	144°, 38%, 72%
XYZ	29.1686, 39.9090, 32.1525
YIQ	158.6950, -27.9630, -27.3790

Conversions

Conversions Part 2

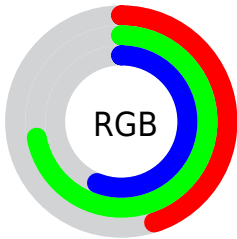
Format	Color
RYB	115, 164, 184
Decimal	7583887
CIELab	69.40, -30.87, 14.07
CIELCh	69, 33.920, 155.499
Yxy	39.9090, 0.2881, 0.3942
Android (android.graphics.Color)	4285773967 (0xFF73B88F)
YUV	158.6950, -7.7376, -38.3205
Hunter-Lab	63.1736, -28.1364, 14.0456

Details

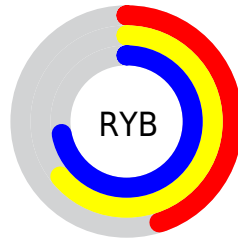
The XYZ color **29.1686, 39.9090, 32.1525** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **31.8999, 24.8529, 34.5696**, and the grayscale version is **32.8595, 34.5708, 37.6476**.

A 20% lighter version of the original color is **57.6003, 74.7864, 64.2227**, and **12.0083, 17.8123, 13.1611** is the 20% darker color. If you saturate the color by 10%, you get **26.1981, 38.4698, 27.8989**, and if you desaturate by 10%, it is **32.7050, 41.6327, 36.8558**.

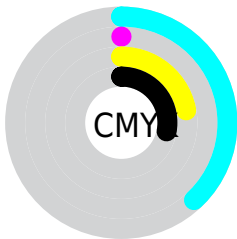
Distribution



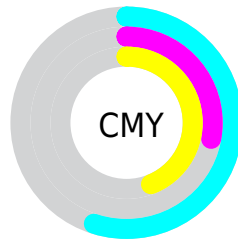
- Red (45%)
- Green (72%)
- Blue (56%)



- Red (45%)
- Yellow (64%)
- Blue (72%)



- Cyan (38%)
- Magenta (0%)
- Yellow (22%)
- Black (28%)





- Cyan (55%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1686, 39.9090, 32.1525 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 29.1686, 39.9090, 32.1525 by changing the saturation by 10% instead.


 29.1686, 39.9090,
32.1525


 29.1686, 39.9090,
32.1525


289.9895,
345.7399, 326.3275


 19.3533, 27.4676,
21.2122


 57.7406, 75.0249,
64.1508

 12.0314, 17.9247,
13.0865


 77.2279, 98.4682,
86.0458

 6.8374, 10.8959,
7.3567


 100.6701,
126.3476, 112.4296

 3.4060, 5.9969,
3.6043

128.4323,
159.0475, 143.7206

 1.3719, 2.8432,
1.4109

160.8800,
196.9523, 180.3373

 0.2361, 1.0504,
0.1502

198.3786,

 0.0000, 0.0000,

240.4464, 222.6983

0.0000

241.2933,
289.9141, 271.2222

■ 29.1686, 39.9090,
32.1525

■ 29.1686, 39.9090,
32.1525

■ 26.1981, 38.4698,
27.8989

■ 32.7050, 41.6327,
36.8558

■ 23.7590, 37.2945,
24.0787

■ 36.8327, 43.6506,
42.0190

■ 21.8181, 36.3671,
20.6788


■ 41.5795, 45.9779,
47.6551


■ 20.3367, 35.6682,
17.6842


■ 46.9705, 48.6271,
53.7762


■ 19.2699, 35.1748,
15.0789


■ 53.0292, 51.6103,
60.3936


 18.5525, 34.8537,
12.8450

 59.7780, 54.9388,
67.5182

 18.3999, 34.7860,
12.3416

 67.2384, 58.6233,
75.1609

 72.7304, 61.2822,
83.2054

 74.3190, 61.9176,
91.5705

Harmonies

Analogous

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



32.1634, 39.9090, 23.3046



29.1686, 39.9090, 32.1525



28.4231, 39.9090, 46.3960

Triad

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



29.1686, 39.9090, 32.1525



38.9461, 39.9090, 80.7234



47.1252, 39.9090, 28.2447

Complementary

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



29.1686, 39.9090, 32.1525



31.8999, 24.8529, 34.5696

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.



49.3561, 39.9090, 40.6393



29.1686, 39.9090, 32.1525



44.3528, 39.9090, 72.7734

Square

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



29.1686, 39.9090, 32.1525



33.7480, 39.9090, 76.9079



48.2960, 39.9090, 57.1351



42.4489, 39.9090, 21.4560

Rectangle

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



29.1686, 39.9090, 32.1525



29.2335, 39.9090, 57.7063



48.2960, 39.9090, 57.1351



48.2053, 39.9090, 31.7660

Sweetspot

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



29.1697, 39.9106, 32.1534



72.0681, 81.7233, 82.5199



34.0242, 42.6285, 22.6548



15.2855, 17.4948, 17.4926



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.



29.1697, 39.9106, 32.1534



48.3593, 70.1549, 51.8625



32.1577, 41.1059, 47.8884



9.0373, 10.1189, 10.3540



12.7137, 23.9864, 8.6801



0.4791, 0.8579, 0.4687

Inverse Universe

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



31.8999, 24.8529, 34.5696



54.0181, 38.9129, 56.8462



29.4056, 23.8552, 21.4349



9.2225, 9.0994, 10.5191



15.5740, 7.8033, 10.9092



0.5789, 0.2870, 0.5417

Previews

White Background



This preview shows how the XYZ color 29.1686, 39.9090, 32.1525 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 29.1686, 39.9090, 32.1525 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 29.1686, 39.9090, 32.1525

Background



This preview shows how black text looks on a background with the XYZ color 29.1686, 39.9090, 32.1525.



This preview shows how white text looks on a background with the XYZ color 29.1686, 39.9090,

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

29.1686, 39.9090, 32.1525

Protanopia

36.9662, 39.3382, 28.5664

Deuteranopia

40.2579, 39.3162, 33.4839



Tritanopia

33.8408, 39.6857, 55.7457

Trichromacy



Original Color

29.1686, 39.9090, 32.1525

Protanomaly

33.4338, 39.1750, 29.8441

Deuteranomaly

35.0801, 38.8241, 32.8390

Tritanomaly

31.9873, 39.8361, 46.0476

Monochromacy



Original Color

29.1686, 39.9090, 32.1525

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.0801, 36.1448, 35.4755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1686, 39.9090, 32.1525 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(115, 184, 143)` looks like.

```
.text, #text, p{  
    color:rgb(115, 184, 143)  
}
```

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(115, 184, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 184, 143) }
```

Border

The CSS property to change the border of an element to XYZ 29.1686, 39.9090, 32.1525 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(115, 184, 143) }
```


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

```
.border{ border-color:rgb(115, 184, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 184, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 184, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 184, 143);  
box-shadow:4px 4px 4px 4px rgb(115, 184,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1686, 39.9090, 32.1525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 184, 143) }
```

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

```
.background{ background-color: rgb(115,  
184, 143) }
```

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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