

Converting Colors

XYZ(26.7845, 39.8156, 30.0967)

Have a look what the booklet for
XYZ(26.7845, 39.8156, 30.0967)
contains.

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Color

**XYZ(26.6993, 39.6221,
29.9075)**

Conversions

Conversions Part 1

Format	Color
Hex	5CBB89
RGB	92, 187, 137
RGB Percent	36%, 73%, 54%
CMY	0.6392, 0.2667, 0.4627
CMYK	0.51, 0.00, 0.27, 0.27
HSL	148°, 41%, 55%
HSV	148°, 51%, 73%
XYZ	26.6993, 39.6221, 29.9075
YIQ	152.8950, -40.5700, -35.6900

Conversions

Conversions Part 2

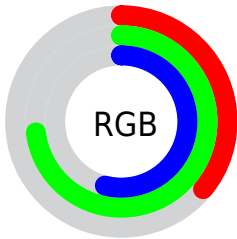
Format	Color
RYB	92, 156, 187
Decimal	6077321
CIELab	69.20, -39.78, 16.89
CIELCh	69, 43.216, 156.997
Yxy	39.6221, 0.2775, 0.4117
Android (android.graphics.Color)	4284267401 (0xFF5CBB89)
YUV	152.8950, -7.8362, -53.4049
Hunter-Lab	62.9461, -34.4428, 15.8919

Details

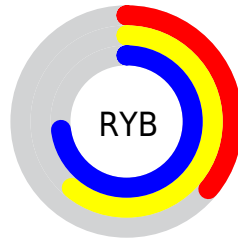
The XYZ color **26.6993, 39.6221, 29.9075** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **29.2044, 20.1730, 27.9472**, and the grayscale version is **30.2791, 31.8560, 34.6911**.

A 20% lighter version of the original color is **53.9674, 74.7589, 60.8757**, and **10.6729, 17.7545, 11.8813** is the 20% darker color. If you saturate the color by 10%, you get **24.3828, 38.5068, 26.2805**, and if you desaturate by 10%, it is **29.5434, 41.0040, 33.8971**.

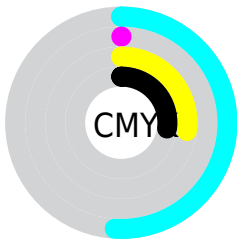
Distribution



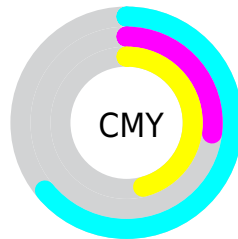
- Red (36%)
- Green (73%)
- Blue (54%)



- Red (36%)
- Yellow (61%)
- Blue (73%)



- Cyan (51%)
- Magenta (0%)
- Yellow (27%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6993, 39.6221, 29.9075 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 26.6993, 39.6221, 29.9075 by changing the saturation by 10% instead.

■ 26.6993, 39.6221,
29.9075

■ 26.6993, 39.6221,
29.9075

278.3924,
344.5282, 315.6669

■ 17.4829, 27.2440,
19.5169

■ 53.8243, 74.5877,
60.5751

■ 10.6768, 17.7566,
11.8638

■ 72.4636, 97.9440,
81.6893

■ 5.9157, 10.7754,
6.5296

■ 94.9746, 125.7286,
107.2151

■ 2.8340, 5.9160,
3.0958

■ 121.7226,
158.3257, 137.5710

■ 1.0666, 2.7941,
1.1437

153.0731,
196.1199, 173.1756

■ 0.0000, 1.0252,
0.0000

189.3913,

■ 0.0000, 0.0000,

239.4954, 214.4474

0.0000

231.0426,
288.8367, 261.8050

■ 26.6993, 39.6221,
29.9075

■ 26.6993, 39.6221,
29.9075

■ 24.3828, 38.5068,
26.2805

■ 29.5434, 41.0040,
33.8971

■ 22.5544, 37.6349,
23.0029

■ 32.9447, 42.6645,
38.2569

■ 21.1740, 36.9869,
20.0643

■ 36.9340, 44.6203,
42.9973

■ 20.1931, 36.5380,
17.4526

■ 41.5392, 46.8855,
48.1278

■ 19.5566, 36.2563,
15.3261

■ 46.7861, 49.4734,
53.6572

■ 52.6991, 52.3964,
59.5943

■ 59.3013, 55.6662,
65.9474

■ 66.6147, 59.2940,
72.7246

■ 72.6815, 62.2703,
79.8412

Harmonies

Analogous

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



30.2120, 39.6221, 19.3171



26.6993, 39.6221, 29.9075



25.9447, 39.6221, 47.9487

Triad

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



26.6993, 39.6221, 29.9075



39.3026, 39.6221, 93.0447



49.3073, 39.6221, 24.0453

Complementary

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



26.6993, 39.6221, 29.9075



29.2044, 20.1730, 27.9472

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.



52.4572, 39.6221, 38.6673



26.6993, 39.6221, 29.9075



46.2404, 39.6221, 81.2570

Square

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



26.6993, 39.6221, 29.9075



32.6995, 39.6221, 88.5390



51.2713, 39.6221, 59.7971



43.0976, 39.6221, 16.7274

Rectangle

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



26.6993, 39.6221, 29.9075



27.0119, 39.6221, 62.8378



51.2713, 39.6221, 59.7971



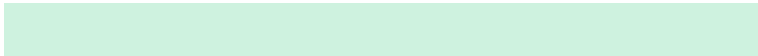
50.7916, 39.6221, 28.0625

Sweetspot

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



26.7004, 39.6237, 29.9084



70.5920, 82.0969, 82.0258



30.9734, 42.1250, 16.6241



15.1635, 17.8912, 17.6365



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.7004, 39.6237, 29.9084



43.2355, 68.7557, 46.3389



30.8195, 41.2714, 51.5995



9.5918, 10.7229, 11.1002



13.5101, 24.9943, 10.7488



0.5623, 0.9923, 0.5952

Inverse Universe

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



29.2044, 20.1730, 27.9472



48.2200, 30.0004, 42.4070



26.3949, 19.0492, 13.1524



9.7343, 9.6180, 10.9897



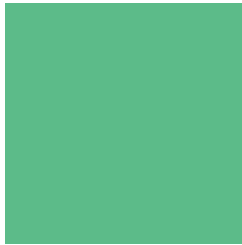
15.6898, 7.9071, 8.9259



0.6474, 0.3229, 0.5226

Previews

White Background



This preview shows how the XYZ color 26.6993, 39.6221, 29.9075 looks on a white background.

Color Contrast Check

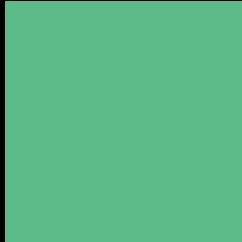
Large Text (above 18pt) WCAG AA × Fail

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 26.6993, 39.6221, 29.9075 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 26.6993, 39.6221, 29.9075

Background



This preview shows how black text looks on a background with the XYZ color 26.6993, 39.6221, 29.9075.



This preview shows how white text looks on a background with the XYZ color 26.6993, 39.6221,

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

26.6993, 39.6221, 29.9075

Protanopia

36.4893, 39.1475, 26.0551

Deuteranopia

39.8706, 39.1613, 31.4441



Tritanopia

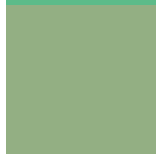
32.1223, 39.6634, 57.0017

Trichromacy



Original Color

26.6993, 39.6221, 29.9075



Protanomaly

31.4593, 38.5017, 27.2462



Deuteranomaly

33.0809, 38.1168, 30.8130



Tritanomaly

29.9558, 39.7089, 45.6209

Monochromacy



Original Color

26.6993, 39.6221, 29.9075



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

28.0817, 33.8421, 32.6559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6993, 39.6221, 29.9075 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(92, 187, 137)` looks like.

```
.text, #text, p{  
  color:rgb(92, 187, 137)  
}
```

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(92, 187, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 187, 137) }
```

Border

The CSS property to change the border of an element to XYZ 26.6993, 39.6221, 29.9075 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(92, 187, 137) }
```


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

```
.border{ border-color:rgb(92, 187, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 187, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 187, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 187, 137);  
box-shadow:4px 4px 4px 4px rgb(92, 187,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6993, 39.6221, 29.9075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 187, 137) }
```

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

```
.background{ background-color: rgb(92, 187,  
137) }
```

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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