

Converting Colors

XYZ(24.9778, 39.1936, 26.9719)

Have a look what the booklet for
XYZ(24.9778, 39.1936, 26.9719)
contains.

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Color

**XYZ(24.9262, 39.0879,
26.9999)**

Conversions

Conversions Part 1

Format	Color
Hex	4CBC81
RGB	76, 188, 129
RGB Percent	30%, 74%, 51%
CMY	0.7019, 0.2627, 0.4941
CMYK	0.60, 0.00, 0.31, 0.26
HSL	148°, 46%, 52%
HSV	148°, 60%, 74%
XYZ	24.9262, 39.0879, 26.9999
YIQ	147.7860, -47.8130, -42.0930

Conversions

Conversions Part 2

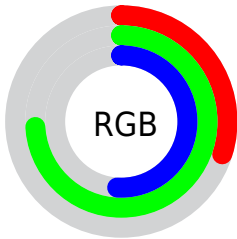
Format	Color
RYB	76, 152, 188
Decimal	5028993
CIELab	68.81, -45.54, 20.58
CIElCh	69, 49.973, 155.678
Yxy	39.0879, 0.2739, 0.4295
Android (android.graphics.Color)	4283219073 (0xFF4CBC81)
YUV	147.7860, -9.2615, -62.9563
Hunter-Lab	62.5203, -38.2445, 18.1594

Details

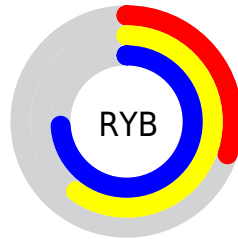
The XYZ color **24.9262, 39.0879, 26.9999** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **27.6980, 17.6105, 24.8626**, and the grayscale version is **28.1117, 29.5757, 32.2079**.

A 20% lighter version of the original color is **50.9274, 73.7505, 55.8071**, and **9.9364, 17.6147, 10.2734** is the 20% darker color. If you saturate the color by 10%, you get **23.0185, 38.1779, 23.6395**, and if you desaturate by 10%, it is **27.3362, 40.2515, 30.7186**.

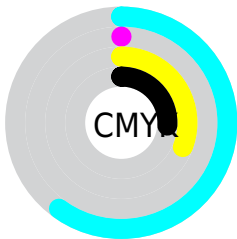
Distribution



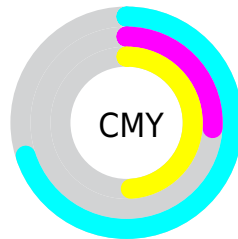
- Red (30%)
- Green (74%)
- Blue (51%)



- Red (30%)
- Yellow (60%)
- Blue (74%)



- Cyan (60%)
- Magenta (0%)
- Yellow (31%)
- Black (26%)





- Cyan (70%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9262, 39.0879, 26.9999 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 24.9262, 39.0879, 26.9999 by changing the saturation by 10% instead.


 24.9262, 39.0879,
26.9999


 24.9262, 39.0879,
26.9999


269.8246,
342.2641, 301.4168


 16.1505, 26.8281,
17.3407


 50.9812, 73.7726,
55.8874


 9.7222, 17.4442,
10.3132


 68.9913, 96.9663,
75.9529


 5.2760, 10.5517,
5.4988


 90.8102, 124.5734,
100.3241

 2.4465, 5.7662,
2.4790

 116.8033,
156.9783, 129.4198

 0.8684, 2.7035,
0.8290

 147.3359,
194.5654, 163.6583

 0.0000, 0.9790,
0.0000

182.7734,

 0.0000, 0.0000,

237.7192, 203.4583

0.0000

223.4812,
286.8239, 249.2383

■ 24.9262, 39.0879,
26.9999

■ 24.9262, 39.0879,
26.9999

■ 23.0185, 38.1779,
23.6395

■ 27.3362, 40.2515,
30.7186

■ 21.5689, 37.4959,
20.6235

■ 30.2815, 41.6826,
34.8038

■ 20.5304, 37.0188,
17.9405

■ 33.7961, 43.3993,
39.2665

■ 19.8134, 36.7008,
15.5761

■ 37.9100, 45.4169,
44.1165

■ 19.7856, 36.6885,
15.4820

■ 42.6509, 47.7497,
49.3633

■ 48.0449, 50.4109,
55.0159

■ 54.1166, 53.4130,
61.0831

■ 60.8892, 56.7678,
67.5733

■ 68.3849, 60.4865,
74.4948

Harmonies

Analogous

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



28.9557, 39.0879, 16.0451



24.9262, 39.0879, 26.9999



23.9599, 39.0879, 47.0247

Triad

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



24.9262, 39.0879, 26.9999



38.6797, 39.0879, 102.4179



50.9528, 39.0879, 21.8471

Complementary

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



24.9262, 39.0879, 26.9999



27.6980, 17.6105, 24.8626

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.



54.4683, 39.0879, 38.3874



24.9262, 39.0879, 26.9999



46.7649, 39.0879, 88.7529

Square

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



24.9262, 39.0879, 26.9999



31.2236, 39.0879, 95.9874



52.8362, 39.0879, 63.1790



43.7867, 39.0879, 13.8960

Rectangle

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



24.9262, 39.0879, 26.9999



25.0432, 39.0879, 64.4048



52.8362, 39.0879, 63.1790



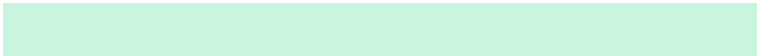
52.6437, 39.0879, 26.3148

Sweetspot

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



24.9272, 39.0895, 27.0008



69.7380, 82.8166, 81.1272



29.3991, 41.7019, 13.3378



14.4955, 17.5630, 16.8733



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.



24.9272, 39.0895, 27.0008



40.9594, 68.8310, 41.3674



29.6447, 40.9765, 51.8427



9.5917, 10.7228, 11.0992



13.5076, 24.9933, 10.7355



0.5622, 0.9922, 0.5946

Inverse Universe

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



27.6980, 17.6105, 24.8626



46.4101, 26.5103, 37.1118



24.7627, 16.4364, 9.4058



9.7345, 9.6181, 10.9907



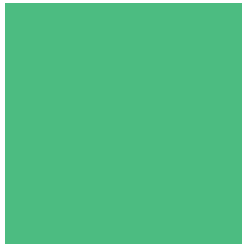
15.6927, 7.9082, 8.9411



0.6475, 0.3229, 0.5231

Previews

White Background



This preview shows how the XYZ color 24.9262, 39.0879, 26.9999 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 24.9262, 39.0879, 26.9999 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 24.9262, 39.0879, 26.9999

Background



This preview shows how black text looks on a background with the XYZ color 24.9262, 39.0879, 26.9999.

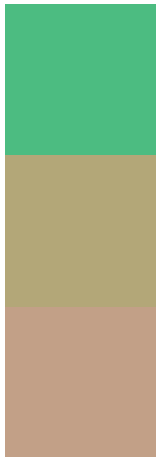


This preview shows how white text looks on a background with the XYZ color 24.9262, 39.0879,

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

24.9262, 39.0879, 26.9999

Protanopia

35.7993, 38.5772, 23.3286

Deuteranopia

39.1921, 38.3602, 28.2603



Tritanopia

30.8827, 39.0244, 56.9437

Trichromacy



Original Color

24.9262, 39.0879, 26.9999



Protanomaly

30.0605, 37.8408, 24.4585



Deuteranomaly

31.3709, 37.0222, 27.6829



Tritanomaly

28.3090, 38.8931, 44.0453

Monochromacy



Original Color

24.9262, 39.0879, 26.9999



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

25.9310, 32.2550, 30.0584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9262, 39.0879, 26.9999 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(76, 188, 129)` looks like.

```
.text, #text, p{  
    color:rgb(76, 188, 129)  
}
```

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(76, 188, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 188, 129) }
```

Border

The CSS property to change the border of an element to XYZ 24.9262, 39.0879, 26.9999 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(76, 188, 129) }
```


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

```
.border{ border-color:rgb(76, 188, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 188, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 188, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 188, 129);  
box-shadow:4px 4px 4px 4px rgb(76, 188,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9262, 39.0879, 26.9999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 188, 129) }
```

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

```
.background{ background-color: rgb(76, 188,  
129) }
```

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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