

Converting Colors

XYZ(27.4179, 39.2833, 23.3606)

Have a look what the booklet for
XYZ(27.4179, 39.2833, 23.3606)
contains.

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Color

**XYZ(27.3499, 39.1664,
23.2579)**

Conversions

Conversions Part 1

Format	Color
Hex	72B876
RGB	114, 184, 118
RGB Percent	45%, 72%, 46%
CMY	0.5529, 0.2784, 0.5372
CMYK	0.38, 0.00, 0.36, 0.28
HSL	123°, 33%, 58%
HSV	123°, 38%, 72%
XYZ	27.3499, 39.1664, 23.2579
YIQ	155.5460, -20.5340, -35.3660

Conversions

Conversions Part 2

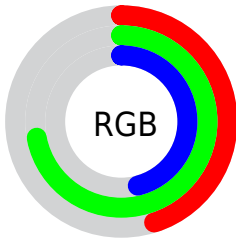
Format	Color
R_{YB}	114, 180, 184
Decimal	7518326
CIE _{Lab}	68.87, -35.73, 26.78
CIE _{LCh}	69, 44.648, 143.151
Yxy	39.1664, 0.3047, 0.4363
Android (android.graphics.Color)	4285708406 (0xFF72B876)
YUV	155.5460, -18.5102, -36.4358
Hunter-Lab	62.5831, -31.5127, 21.7741

Details

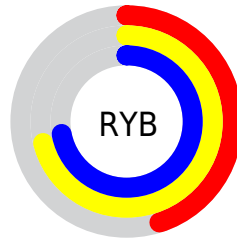
The XYZ color **27.3499, 39.1664, 23.2579** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **34.0239, 25.5209, 46.3141**, and the grayscale version is **31.4848, 33.1245, 36.0726**.

A 20% lighter version of the original color is **54.6592, 73.5853, 49.8506**, and **10.9813, 17.3870, 8.4075** is the 20% darker color. If you saturate the color by 10%, you get **24.2552, 37.6805, 18.2177**, and if you desaturate by 10%, it is **31.1177, 40.9796, 29.3211**.

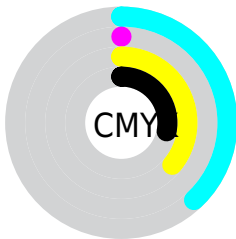
Distribution



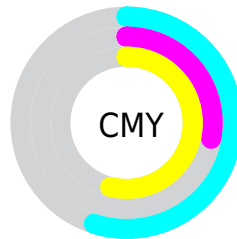
- Red (45%)
- Green (72%)
- Blue (46%)



- Red (45%)
- Yellow (71%)
- Blue (72%)



- Cyan (38%)
- Magenta (0%)
- Yellow (36%)
- Black (28%)



- Cyan (55%)
- Magenta (28%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3499, 39.1664, 23.2579 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 27.3499, 39.1664, 23.2579 by changing the saturation by 10% instead.

■ 27.3499, 39.1664,
23.2579

■ 27.3499, 39.1664,
23.2579

281.4841,
342.5974, 282.2116

■ 17.9741, 26.8892,
14.5770

■ 54.8608, 73.8925,
49.7450

■ 11.0310, 17.4900,
8.3797

■ 73.7266, 97.1101,
68.3883

■ 6.1551, 10.5845,
4.2476

■ 96.4864, 124.7433,
91.1894

■ 2.9812, 5.7882,
1.7622

123.5057,
157.1766, 118.5669

■ 1.1438, 2.7167,
0.4028

155.1498,
194.7942, 150.9393

■ 0.0613, 0.9857,
0.0000

191.7839,

■ 0.0000, 0.0000,

237.9806, 188.7252

0.0000

233.7736,
287.1203, 232.3431

■ 27.3499, 39.1664,
23.2579

■ 27.3499, 39.1664,
23.2579

■ 24.2552, 37.6805,
18.2177

■ 31.1177, 40.9796,
29.3211

■ 21.7911, 36.4979,
14.1417

■ 35.5919, 43.1328,
36.4564

■ 19.9151, 35.5991,
10.9691


■ 40.8070, 45.6440,
44.7133


■ 18.5781, 34.9602,
8.6313


■ 46.7945, 48.5283,
54.1371


■ 17.7229, 34.5534,
7.0497


■ 53.5842, 51.8002,
64.7706

 17.2650, 34.3372,
6.1301

 61.2041, 55.4732,
76.6546

 17.1989, 34.3056,
6.0173

 69.6810, 59.5604,
89.8280

 76.4313, 62.7626,
102.6938

Harmonies

Analogous

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



32.1207, 39.1664, 15.8811



27.3499, 39.1664, 23.2579



25.2672, 39.1664, 38.1579

Triad

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



27.3499, 39.1664, 23.2579



35.6246, 39.1664, 94.3296



51.2180, 39.1664, 29.0657

Complementary

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



27.3499, 39.1664, 23.2579



34.0239, 25.5209, 46.3141

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.



52.4655, 39.1664, 47.4720



27.3499, 39.1664, 23.2579



42.8466, 39.1664, 89.5489

Square

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



27.3499, 39.1664, 23.2579



29.6361, 39.1664, 82.1305



49.2336, 39.1664, 70.6003



46.0134, 39.1664, 18.4145

Rectangle

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



27.3499, 39.1664, 23.2579



25.4687, 39.1664, 52.1579



49.2336, 39.1664, 70.6003



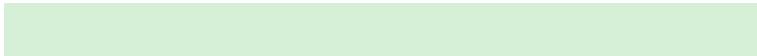
52.1391, 39.1664, 34.3663

Sweetspot

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



27.3509, 39.1680, 23.2588



70.8543, 81.2377, 76.1284



39.1184, 45.2613, 22.5943



14.9967, 17.3793, 15.9719



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.



27.3509, 39.1680, 23.2588



44.6173, 68.6154, 34.0885



29.7895, 40.1435, 36.1003



8.9106, 10.0682, 9.6867



11.8618, 23.6457, 4.1942



0.4252, 0.8364, 0.1851

Inverse Universe

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



34.0239, 25.5209, 46.3141



58.5063, 40.1949, 82.0636



30.9351, 24.2854, 30.0486



9.3582, 9.1536, 11.2335



18.8631, 9.1190, 28.2296



0.6717, 0.3242, 1.0308

Previews

White Background



This preview shows how the XYZ color 27.3499, 39.1664, 23.2579 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 27.3499, 39.1664, 23.2579 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 27.3499, 39.1664, 23.2579

Background



This preview shows how black text looks on a background with the XYZ color 27.3499, 39.1664, 23.2579.



This preview shows how white text looks on a background with the XYZ color 27.3499, 39.1664,

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

27.3499, 39.1664, 23.2579

Protanopia

35.7440, 38.6089, 20.6073

Deuteranopia

39.4347, 38.5774, 24.1067



Tritanopia

33.4174, 38.9233, 53.8958

Trichromacy



Original Color

27.3499, 39.1664, 23.2579



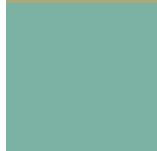
Protanomaly

31.8855, 38.2701, 21.6259



Deuteranomaly

33.5755, 37.9719, 23.6489



Tritanomaly

30.6996, 38.6961, 40.5014

Monochromacy



Original Color

27.3499, 39.1664, 23.2579



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

29.5032, 34.8882, 30.7703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3499, 39.1664, 23.2579 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(114, 184, 118)` looks like.

```
.text, #text, p{  
    color:rgb(114, 184, 118)  
}
```

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(114, 184, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 184, 118) }
```

Border

The CSS property to change the border of an element to XYZ 27.3499, 39.1664, 23.2579 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(114, 184, 118) }
```


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

```
.border{ border-color:rgb(114, 184, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 184, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 184, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 184, 118);  
box-shadow:4px 4px 4px 4px rgb(114, 184,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3499, 39.1664, 23.2579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 184, 118) }
```

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

```
.background{ background-color: rgb(114,  
184, 118) }
```

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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