

Converting Colors

XYZ(25.8669, 39.0241, 23.3093)

Have a look what the booklet for
XYZ(25.8669, 39.0241, 23.3093)
contains.

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Color

**XYZ(25.8659, 39.0225,
23.3084)**

Conversions

Conversions Part 1

Format	Color
Hex	62BA76
RGB	98, 186, 118
RGB Percent	38%, 73%, 46%
CMY	0.6157, 0.2706, 0.5372
CMYK	0.47, 0.00, 0.37, 0.27
HSL	134°, 39%, 56%
HSV	134°, 47%, 73%
XYZ	25.8659, 39.0225, 23.3084
YIQ	151.9360, -30.6200, -39.8040

Conversions

Conversions Part 2

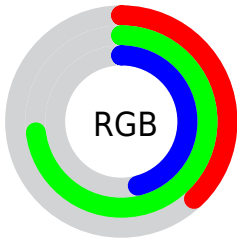
Format	Color
RYB	98, 170, 186
Decimal	6470262
CIELab	68.77, -41.36, 26.51
CIElCh	69, 49.128, 147.343
Yxy	39.0225, 0.2933, 0.4424
Android (android.graphics.Color)	4284660342 (0xFF62BA76)
YUV	151.9360, -16.7304, -47.3019
Hunter-Lab	62.4680, -35.4081, 21.6050

Details

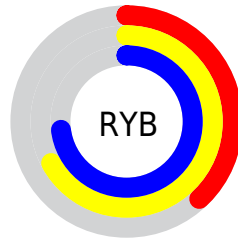
The XYZ color **25.8659, 39.0225, 23.3084** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **31.5015, 21.9283, 38.6498**, and the grayscale version is **29.8976, 31.4546, 34.2540**.

A 20% lighter version of the original color is **52.5381, 73.8138, 50.0065**, and **10.2399, 17.4036, 8.4498** is the 20% darker color. If you saturate the color by 10%, you get **23.2974, 37.7908, 19.0646**, and if you desaturate by 10%, it is **29.0329, 40.5499, 28.2613**.

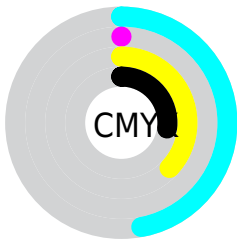
Distribution



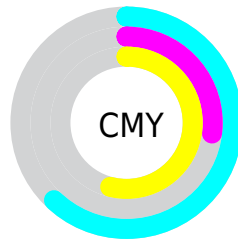
- Red (38%)
- Green (73%)
- Blue (46%)



- Red (38%)
- Yellow (67%)
- Blue (73%)



- Cyan (47%)
- Magenta (0%)
- Yellow (37%)
- Black (27%)



- Cyan (62%)
- Magenta (27%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8659, 39.0225, 23.3084 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 25.8659, 39.0225, 23.3084 by changing the saturation by 10% instead.

■ 25.8659, 39.0225,
23.3084

■ 25.8659, 39.0225,
23.3084

274.3920,
341.9861, 282.4781

■ 16.8555, 26.7772,
14.6140

■ 52.4914, 73.6727,
49.8288

■ 10.2262, 17.4060,
8.4053

■ 70.8372, 96.8464,
68.4919

■ 5.6126, 10.5244,
4.2639

■ 93.0255, 124.4317,
91.3149

■ 2.6494, 5.7480,
1.7712

■ 119.4216,
156.8130, 118.7164

■ 0.9712, 2.6925,
0.4089

150.3910,
194.3747, 151.1149

■ 0.0000, 0.9734,
0.0000

186.2989,

■ 0.0000, 0.0000,

237.5012, 188.9290

0.0000

227.5108,
286.5769, 232.5773

■ 25.8659, 39.0225,
23.3084

■ 25.8659, 39.0225,
23.3084

■ 23.2974, 37.7908,
19.0646

■ 29.0329, 40.5499,
28.2613

■ 21.2858, 36.8307,
15.4949

■ 32.8305, 42.3857,
33.9510

■ 19.7887, 36.1222,
12.5650


■ 37.2921, 44.5474,
40.4071


■ 18.7561, 35.6403,
10.2368


■ 42.4478, 47.0502,
47.6564


■ 18.1181, 35.3500,
8.4673


■ 48.3259, 49.9079,
55.7248

 17.9825, 35.2885,
8.0800

 54.9529, 53.1339,
64.6369

 62.3543, 56.7407,
74.4161

 70.5541, 60.7402,
85.0850

 75.6435, 63.1169,
96.4815

Harmonies

Analogous

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



30.6335, 39.0225, 14.6621



25.8659, 39.0225, 23.3084



24.0622, 39.0225, 40.5334

Triad

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



25.8659, 39.0225, 23.3084



36.4005, 39.0225, 101.2704



52.0296, 39.0225, 25.6907

Complementary

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



25.8659, 39.0225, 23.3084



31.5015, 21.9283, 38.6498

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.



54.1318, 39.0225, 44.5062



25.8659, 39.0225, 23.3084



44.3947, 39.0225, 93.0441

Square

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



25.8659, 39.0225, 23.3084



29.5882, 39.0225, 89.7347



51.1653, 39.0225, 70.0569



45.7627, 39.0225, 15.6611

Rectangle

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



25.8659, 39.0225, 23.3084



24.5634, 39.0225, 56.5838



51.1653, 39.0225, 70.0569



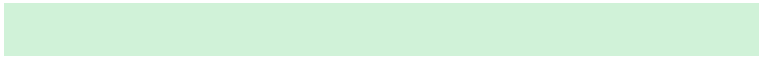
53.2818, 39.0225, 30.9536

Sweetspot

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



25.8669, 39.0241, 23.3093



70.3336, 82.0718, 77.1295



35.6872, 44.2098, 18.2079



15.0604, 17.8658, 16.3781



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.



25.8669, 39.0241, 23.3093



41.9671, 68.3711, 34.1106



29.0359, 40.2917, 39.9971



8.9717, 10.0927, 10.0085



12.1217, 23.7496, 5.5630



0.4514, 0.8469, 0.3227

Inverse Universe

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



31.5015, 21.9283, 38.6498



53.4122, 33.5524, 65.2015



28.1894, 20.6035, 21.2087



9.2912, 9.1269, 10.8810



17.0255, 8.3840, 18.5528



0.6220, 0.3043, 0.7687

Previews

White Background



This preview shows how the XYZ color 25.8659, 39.0225, 23.3084 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 25.8659, 39.0225, 23.3084 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 25.8659, 39.0225, 23.3084

Background



This preview shows how black text looks on a background with the XYZ color 25.8659, 39.0225, 23.3084.



This preview shows how white text looks on a background with the XYZ color 25.8659, 39.0225,

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

25.8659, 39.0225, 23.3084

Protanopia

35.6892, 38.5870, 20.3189

Deuteranopia

39.2349, 38.4672, 24.4258



Tritanopia

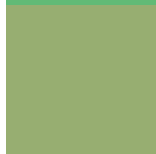
32.1963, 38.8507, 55.0922

Trichromacy



Original Color

25.8659, 39.0225, 23.3084



Protanomaly

30.8792, 38.0437, 21.3384



Deuteranomaly

32.3988, 37.3581, 23.9156



Tritanomaly

29.3288, 38.5741, 41.0217

Monochromacy



Original Color

25.8659, 39.0225, 23.3084



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

27.5248, 33.3499, 29.7974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8659, 39.0225, 23.3084 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(98, 186, 118)` looks like.

```
.text, #text, p{  
    color:rgb(98, 186, 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(98, 186, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 186, 118) }
```

Border

The CSS property to change the border of an element to XYZ 25.8659, 39.0225, 23.3084 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(98, 186, 118) }
```


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

```
.border{ border-color:rgb(98, 186, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 186, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 186, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 186, 118);  
box-shadow:4px 4px 4px 4px rgb(98, 186,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8659, 39.0225, 23.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 186, 118) }
```

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

```
.background{ background-color: rgb(98, 186,  
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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