

Converting Colors

XYZ(25.5437, 39.0990, 27.5614)

Have a look what the booklet for
XYZ(25.5437, 39.0990, 27.5614)
contains.

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Color

**XYZ(25.5232, 39.0642,
27.6677)**

Conversions

Conversions Part 1

Format	Color
Hex	54BB83
RGB	84, 187, 131
RGB Percent	33%, 73%, 51%
CMY	0.6706, 0.2667, 0.4863
CMYK	0.55, 0.00, 0.30, 0.27
HSL	147°, 43%, 53%
HSV	147°, 55%, 73%
XYZ	25.5232, 39.0642, 27.6677
YIQ	149.8190, -43.4120, -39.2520

Conversions

Conversions Part 2

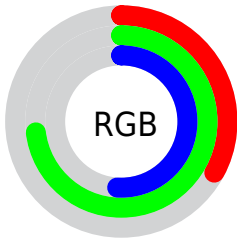
Format	Color
RYB	84, 155, 187
Decimal	5553027
CIELab	68.80, -42.93, 19.53
CIELCh	69, 47.161, 155.543
Yxy	39.0642, 0.2767, 0.4234
Android (android.graphics.Color)	4283743107 (0xFF54BB83)
YUV	149.8190, -9.2778, -57.7233
Hunter-Lab	62.5014, -36.4847, 17.5048

Details

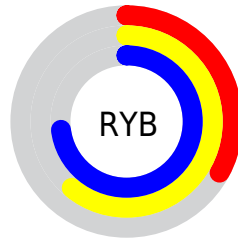
The XYZ color **25.5232, 39.0642, 27.6677** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **28.3987, 18.7997, 26.9441**, and the grayscale version is **28.9648, 30.4732, 33.1853**.

A 20% lighter version of the original color is **51.9869, 73.8248, 56.8570**, and **10.0538, 17.4625, 10.6253** is the 20% darker color. If you saturate the color by 10%, you get **23.4121, 38.0527, 24.1470**, and if you desaturate by 10%, it is **28.1508, 40.3362, 31.5673**.

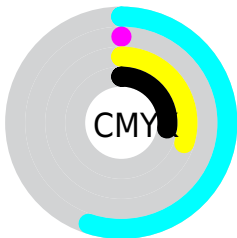
Distribution



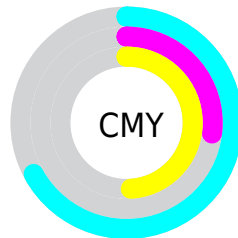
- Red (33%)
- Green (73%)
- Blue (51%)



- Red (33%)
- Yellow (61%)
- Blue (73%)



- Cyan (55%)
- Magenta (0%)
- Yellow (30%)
- Black (27%)





- Cyan (67%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5232, 39.0642, 27.6677 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 25.5232, 39.0642, 27.6677 by changing the saturation by 10% instead.


 25.5232, 39.0642,
27.6677


 25.5232, 39.0642,
27.6677


272.7334,
342.1634, 304.7375


 16.5981, 26.8097,
17.8385


 51.9415, 73.7364,
56.9702

 10.0419, 17.4303,
10.6658


 70.1655, 96.9228,
77.2805

 5.4892, 10.5418,
5.7313


 92.2198, 124.5220,
101.9216

 2.5747, 5.7596,
2.6162

 118.4697,
156.9184, 131.3120

 0.9331, 2.6995,
0.9008

149.2807,
194.4963, 165.8702

 0.0000, 0.9769,
0.0000

185.0181,

 0.0000, 0.0000,

237.6402, 206.0148

0.0000

226.0472,
286.7344, 252.1644

■ 25.5232, 39.0642,
27.6677

■ 25.5232, 39.0642,
27.6677

■ 23.4121, 38.0527,
24.1470

■ 28.1508, 40.3362,
31.5673

■ 21.7760, 37.2774,
20.9906

■ 31.3260, 41.8815,
35.8545

■ 20.5718, 36.7174,
18.1868

■ 35.0811, 43.7175,
40.5409

■ 19.7459, 36.3454,
15.7219

■ 39.4449, 45.8589,
45.6370

■ 19.4239, 36.2033,
14.6276

■ 44.4442, 48.3192,
51.1525

■ 50.1041, 51.1113,
57.0971

■ 56.4484, 54.2472,
63.4801

■ 63.4996, 57.7383,
70.3104

■ 71.2793, 61.5957,
77.5967

Harmonies

Analogous

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



29.3856, 39.0642, 17.0640



25.5232, 39.0642, 27.6677



24.5829, 39.0642, 46.6352

Triad

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



25.5232, 39.0642, 27.6677



38.5349, 39.0642, 98.0635



50.0944, 39.0642, 22.8133

Complementary

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



25.5232, 39.0642, 27.6677



28.3987, 18.7997, 26.9441

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.



53.3500, 39.0642, 38.6811



25.5232, 39.0642, 27.6677



46.1264, 39.0642, 85.5856

Square

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



25.5232, 39.0642, 27.6677



31.4913, 39.0642, 92.0798



51.8086, 39.0642, 61.9524



43.4031, 39.0642, 14.9915

Rectangle

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



25.5232, 39.0642, 27.6677



25.6130, 39.0642, 62.8652



51.8086, 39.0642, 61.9524



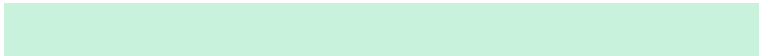
51.6650, 39.0642, 27.1404

Sweetspot

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



25.5242, 39.0658, 27.6686



68.8318, 81.2399, 79.6655



30.2969, 41.8146, 14.8620



14.8023, 17.7158, 17.1328



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.



25.5242, 39.0658, 27.6686



41.2815, 67.8408, 42.0709



29.8557, 40.7984, 50.4779



9.5849, 10.7201, 11.0638



13.4183, 24.9576, 10.2653



0.5586, 0.9908, 0.5760

Inverse Universe

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



28.3987, 18.7997, 26.9441



46.9377, 27.8869, 40.5896



25.4744, 17.6299, 11.5449



9.7413, 9.6208, 11.0264



15.7983, 7.9505, 9.4972



0.6515, 0.3245, 0.5438

Previews

White Background



This preview shows how the XYZ color 25.5232, 39.0642, 27.6677 looks on a white background.

Color Contrast Check

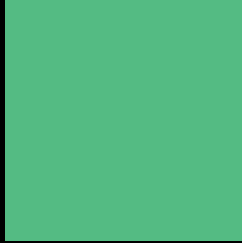
Large Text (above 18pt) WCAG AA × Fail

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 25.5232, 39.0642, 27.6677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

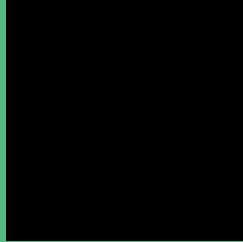
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5232, 39.0642, 27.6677

Background



This preview shows how black text looks on a background with the XYZ color 25.5232, 39.0642, 27.6677.



This preview shows how white text looks on a background with the XYZ color 25.5232, 39.0642,

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

25.5232, 39.0642, 27.6677

Protanopia

35.9220, 38.6263, 23.9747

Deuteranopia

39.0785, 38.2852, 28.9970



Tritanopia

31.2252, 38.9152, 56.3177

Trichromacy



Original Color

25.5232, 39.0642, 27.6677



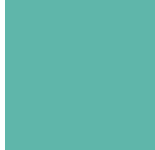
Protanomaly

30.3393, 37.6821, 25.0764



Deuteranomaly

31.8848, 37.2710, 28.4352



Tritanomaly

28.7030, 38.7911, 44.0048

Monochromacy



Original Color

25.5232, 39.0642, 27.6677



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.6593, 32.6132, 30.8765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5232, 39.0642, 27.6677 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(84, 187, 131)` looks like.

```
.text, #text, p{  
    color:rgb(84, 187, 131)  
}
```

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(84, 187, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 187, 131) }
```

Border

The CSS property to change the border of an element to XYZ 25.5232, 39.0642, 27.6677 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(84, 187, 131) }
```


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

```
.border{ border-color:rgb(84, 187, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 187, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 187, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 187, 131);  
box-shadow:4px 4px 4px 4px rgb(84, 187,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5232, 39.0642, 27.6677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 187, 131) }
```

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

```
.background{ background-color: rgb(84, 187,  
131) }
```

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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