

Converting Colors

XYZ(35.9435, 53.4016, 39.5902)

Have a look what the booklet for
XYZ(35.9435, 53.4016, 39.5902)
contains.

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Color

**XYZ(36.0264, 53.5855,
39.4546)**

Conversions

Conversions Part 1

Format	Color
Hex	6BD69B
RGB	107, 214, 155
RGB Percent	42%, 84%, 61%
CMY	0.5804, 0.1608, 0.3921
CMYK	0.50, 0.00, 0.28, 0.16
HSL	147°, 57%, 63%
HSV	147°, 50%, 84%
XYZ	36.0264, 53.5855, 39.4546
YIQ	175.2810, -44.8330, -41.0330

Conversions

Conversions Part 2

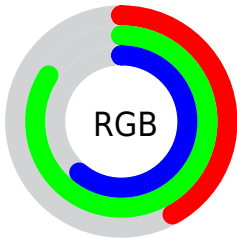
Format	Color
RYB	107, 181, 214
Decimal	7067291
CIELab	78.22, -44.27, 19.86
CIElCh	78, 48.518, 155.835
Yxy	53.5855, 0.2791, 0.4152
Android (android.graphics.Color)	4285257371 (0xFF6BD69B)
YUV	175.2810, -9.9985, -59.8824
Hunter-Lab	73.2021, -40.2550, 19.2853

Details

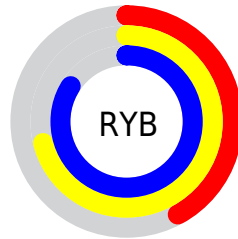
The XYZ color **36.0264, 53.5855, 39.4546** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **39.8740, 27.5660, 39.2977**, and the grayscale version is **40.9612, 43.0943, 46.9297**.

A 20% lighter version of the original color is **62.7027, 84.0657, 73.8943**, and **15.8523, 26.0340, 17.2863** is the 20% darker color. If you saturate the color by 10%, you get **32.8220, 52.0440, 34.3823**, and if you desaturate by 10%, it is **39.9672, 55.4983, 45.0693**.

Distribution



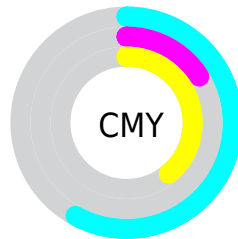
- Red (42%)
- Green (84%)
- Blue (61%)



- Red (42%)
- Yellow (71%)
- Blue (84%)



- Cyan (50%)
- Magenta (0%)
- Yellow (28%)
- Black (16%)





- Cyan (58%)
- Magenta (16%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0264, 53.5855, 39.4546 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 36.0264, 53.5855, 39.4546 by changing the saturation by 10% instead.


 36.0264, 53.5855,
39.4546


 36.0264, 53.5855,
39.4546


320.5051,
400.5274, 359.3029


 24.6248, 38.2704,
26.8030


 68.3964, 95.4654,
75.5603

 15.9250, 26.1926,
17.1942


 90.0955, 122.7989,
99.8514

 9.5616, 16.9678,
10.2096

 115.9579,
154.9074, 128.8595

 5.1693, 10.2115,
5.4308

146.3488,
192.1752, 163.0031

 2.3827, 5.5394,
2.4390

181.6336,
234.9867, 202.7006

 0.8365, 2.5671,
0.8076

222.1777,

 0.0000, 0.9102,

283.7263, 248.3708

0.0000

268.3464,
338.7784, 300.4320

■ 0.0000, 0.0000,
0.0000

■ 36.0264, 53.5855,
39.4546

■ 36.0264, 53.5855,
39.4546

■ 32.8220, 52.0440,
34.3823

■ 39.9672, 55.4983,
45.0693

■ 30.2990, 50.8415,
29.8320

■ 44.6856, 57.7991,
51.2387

■ 28.4015, 49.9508,
25.7871


■ 50.2250, 60.5113,
57.9794


■ 27.0615, 49.3374,
22.2285


■ 56.6239, 63.6545,
65.3058

■ 26.1589, 48.9396,
19.1339


■ 63.9185, 67.2472,
73.2323

 26.1588, 48.9396,
19.1338

 72.1430, 71.3065,
81.7722

 80.6622, 75.5050,
90.9076

 82.4498, 76.2200,
100.3209

 83.3376, 76.5751,
104.9959

Harmonies

Analogous

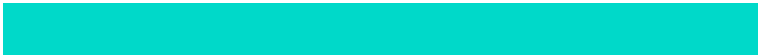
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.9746, 53.5855, 25.3972



36.0264, 53.5855, 39.4546



34.8448, 53.5855, 63.8233

Triad

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



36.0264, 53.5855, 39.4546



52.8098, 53.5855, 127.3354



67.2096, 53.5855, 32.7790

Complementary

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



36.0264, 53.5855, 39.4546



39.8740, 27.5660, 39.2977

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.



71.3345, 53.5855, 53.1905



36.0264, 53.5855, 39.4546



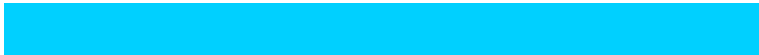
62.3831, 53.5855, 111.8179

Square

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



36.0264, 53.5855, 39.4546



43.8184, 53.5855, 120.2201



69.4670, 53.5855, 82.4695



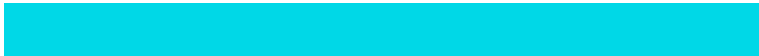
58.7754, 53.5855, 22.4653

Rectangle

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



36.0264, 53.5855, 39.4546



36.2052, 53.5855, 84.2210



69.4670, 53.5855, 82.4695



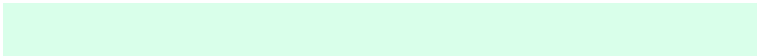
69.1909, 53.5855, 38.4003

Sweetspot

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



36.0278, 53.5877, 39.4558



79.1391, 92.1687, 91.3922



42.7727, 57.4417, 22.7436



16.5127, 19.5185, 19.0701



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.0278, 53.5877, 39.4558



48.5553, 77.2711, 50.7011



41.3579, 55.7197, 67.5237



12.4916, 13.9877, 14.4034



15.8615, 29.5999, 11.8323



0.9980, 1.8019, 0.9315

Inverse Universe

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



39.8740, 27.5660, 39.2977



54.8933, 34.3235, 50.3906



36.0357, 26.0306, 19.0853



12.7069, 12.5343, 14.3970



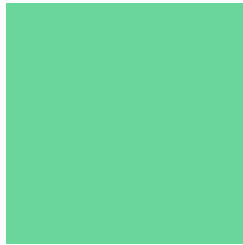
18.7917, 9.4530, 11.4730



1.1749, 0.5867, 0.9102

Previews

White Background



This preview shows how the XYZ color 36.0264, 53.5855, 39.4546 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 36.0264, 53.5855, 39.4546 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 36.0264, 53.5855, 39.4546

Background



This preview shows how black text looks on a background with the XYZ color 36.0264, 53.5855, 39.4546.



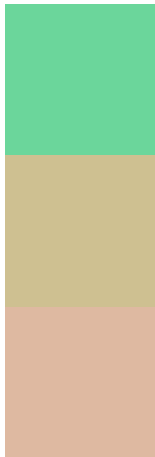
This preview shows how white text looks on a background with the XYZ color 36.0264, 53.5855,

39.4546.

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

36.0264, 53.5855, 39.4546

Protanopia

49.4141, 52.8654, 34.3877

Deuteranopia

53.9062, 52.8007, 41.0686



Tritanopia

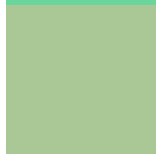
43.4736, 53.2965, 77.1032

Trichromacy



Original Color

36.0264, 53.5855, 39.4546



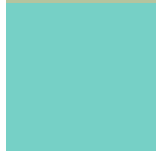
Protanomaly

42.6567, 52.0245, 36.2273



Deuteranomaly

44.8203, 51.6864, 40.4151



Tritanomaly

40.2201, 53.0405, 61.5441

Monochromacy



Original Color

36.0264, 53.5855, 39.4546



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

37.8432, 45.7064, 43.8735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0264, 53.5855, 39.4546 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(107, 214, 155)` looks like.

```
.text, #text, p{  
    color:rgb(107, 214, 155)  
}
```

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(107, 214, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 214, 155) }
```

Border

The CSS property to change the border of an element to XYZ 36.0264, 53.5855, 39.4546 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(107, 214, 155) }
```


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

```
.border{ border-color:rgb(107, 214, 155) }
```

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

Here you see how a box with a 4 pixel rgb(107, 214, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 214, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 214, 155);  
box-shadow:4px 4px 4px 4px rgb(107, 214,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0264, 53.5855, 39.4546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 214, 155) }
```

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

```
.background{ background-color: rgb(107,  
214, 155) }
```

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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