

Converting Colors

XYZ(38.5685, 26.0862, 63.3282)

Have a look what the booklet for
XYZ(38.5685, 26.0862, 63.3282)
contains.

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Color

**XYZ(38.5525, 26.0441,
63.3167)**

Conversions

Conversions Part 1

Format	Color
Hex	C169D1
RGB	193, 105, 209
RGB Percent	76%, 41%, 82%
CMY	0.2431, 0.5882, 0.1804
CMYK	0.08, 0.50, 0.00, 0.18
HSL	291°, 53%, 62%
HSV	291°, 50%, 82%
XYZ	38.5525, 26.0441, 63.3167
YIQ	143.1680, 19.0640, 51.0000

Conversions

Conversions Part 2

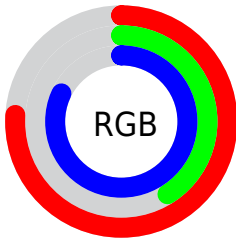
Format	Color
RYB	193, 105, 209
Decimal	12675537
CIELab	58.08, 50.81, -39.21
CIELCh	58, 64.185, 322.342
Yxy	26.0441, 0.3014, 0.2036
Android (android.graphics.Color)	4290865617 (0xFFC169D1)
YUV	143.1680, 32.4552, 43.7027
Hunter-Lab	51.0334, 45.5369, -37.8372

Details

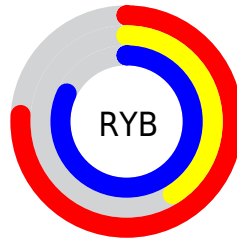
The XYZ color **38.5525, 26.0441, 63.3167** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **33.2364, 50.6865, 21.3976**, and the grayscale version is **26.0456, 27.4020, 29.8407**.

A 20% lighter version of the original color is **70.2318, 52.5255, 101.0446**, and **17.3773, 10.1074, 31.6069** is the 20% darker color. If you saturate the color by 10%, you get **35.8690, 21.8800, 62.6548**, and if you desaturate by 10%, it is **41.7788, 31.2657, 64.1549**.

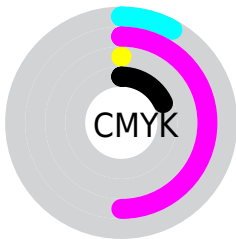
Distribution



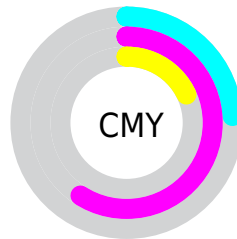
- Red (76%)
- Green (41%)
- Blue (82%)



- Red (76%)
- Yellow (41%)
- Blue (82%)



- Cyan (8%)
- Magenta (50%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (59%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5525, 26.0441, 63.3167 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 38.5525, 26.0441, 63.3167 by changing the saturation by 10% instead.

■ 38.5525, 26.0441,
63.3167

■ 38.5525, 26.0441,
63.3167

331.2242,
282.9985, 454.8575

■ 26.5909, 16.8566,
45.6548

■ 72.2526, 53.3461,
111.2163

■ 17.4012, 10.1323,
31.6268

■ 94.7219, 72.2294,
142.2910

■ 10.6180, 5.4868,
20.8142

■ 121.4245, 95.1134,
178.6739

■ 5.8760, 2.5356,
12.7983

■ 152.7257,
122.3826, 220.7832

■ 2.8098, 0.8944,
7.1607

188.9910,
154.4213, 269.0378

■ 1.0540, 0.0000,
3.4828

230.5855,

■ 0.0000, 0.0000,

191.6139, 323.8560

1.3462

277.8748,
234.3449, 385.6564

■ 0.0000, 0.0000,
0.0992

■ 0.0000, 0.0000,
0.0000

■ 38.5525, 26.0441,
63.3167

■ 38.5525, 26.0441,
63.3167

■ 35.8690, 21.8800,
62.6548

■ 41.7788, 31.2657,
64.1549

■ 33.6862, 18.6919,
62.1545


■ 45.5801, 37.6116,
65.1794


■ 31.9606, 16.3920,
61.8015


■ 49.9896, 45.1470,
66.4015


■ 30.6394, 14.8749,
61.5783


■ 55.0370, 53.9311,
67.8310


 29.6285, 13.9527,
61.4536


 60.7499, 64.0193,
69.4771

 29.6053, 13.9326,
61.4509

 67.1545, 75.4635,
71.3485

 74.2753, 88.3129,
73.4534

 76.3992, 91.1408,
73.8873

 77.3744, 91.6435,
73.9329

Harmonies

Analogous

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



30.8734, 26.0441, 89.1280



38.5525, 26.0441, 63.3167



42.6919, 26.0441, 34.4447

Triad

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



38.5525, 26.0441, 63.3167



26.7972, 26.0441, 3.5863



13.3549, 26.0441, 47.9114

Complementary

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



38.5525, 26.0441, 63.3167



33.2364, 50.6865, 21.3976

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.



12.7112, 26.0441, 23.0335



38.5525, 26.0441, 63.3167



19.5021, 26.0441, 4.3470

Square

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



38.5525, 26.0441, 63.3167



35.0401, 26.0441, 6.1915



14.7171, 26.0441, 9.4369



16.7082, 26.0441, 77.4542

Rectangle

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



38.5525, 26.0441, 63.3167



42.3880, 26.0441, 20.1659



14.7171, 26.0441, 9.4369



12.8475, 26.0441, 38.5125

Sweetspot

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



38.5534, 26.0452, 63.3173



81.9066, 76.8779, 105.1297



24.3360, 21.6091, 63.2103



17.1770, 15.8399, 22.4020



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.



38.5534, 26.0452, 63.3173



55.9056, 33.7886, 98.1830



39.0194, 26.7286, 43.3186



12.1247, 11.9131, 14.9041



18.3213, 8.6253, 37.8917



1.0738, 0.5077, 2.1210

Inverse Universe

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



34.7982, 25.0401, 21.0895



49.7275, 32.2572, 23.1881



33.3362, 50.4885, 32.6718



11.8818, 11.8375, 12.6535



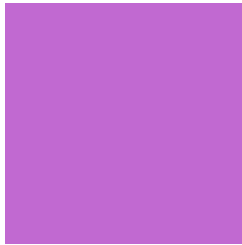
16.3976, 8.4319, 1.7342



0.9409, 0.4811, 0.2235

Previews

White Background



This preview shows how the XYZ color 38.5525, 26.0441, 63.3167 looks on a white background.

Color Contrast Check

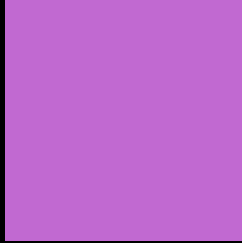
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.5525, 26.0441, 63.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

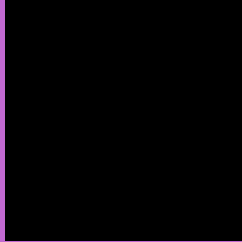
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.5525, 26.0441, 63.3167

Background



This preview shows how black text looks on a background with the XYZ color 38.5525, 26.0441, 63.3167.



This preview shows how white text looks on a background with the XYZ color 38.5525, 26.0441,

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

38.5525, 26.0441, 63.3167

Protanopia

29.1615, 26.5471, 83.7079

Deuteranopia

27.0823, 26.4219, 60.1725



Tritanopia

30.8450, 25.9267, 25.5689

Trichromacy



Original Color

38.5525, 26.0441, 63.3167



Protanomaly

30.7145, 25.1188, 75.9026



Deuteranomaly

29.9365, 25.4262, 61.0875



Tritanomaly

33.1719, 25.6288, 36.9167

Monochromacy



Original Color

38.5525, 26.0441, 63.3167



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

29.5233, 26.0676, 40.0347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5525, 26.0441, 63.3167 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(193, 105, 209)` looks like.

```
.text, #text, p{  
    color:rgb(193, 105, 209)  
}
```

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(193, 105, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 105, 209) }
```

Border

The CSS property to change the border of an element to XYZ 38.5525, 26.0441, 63.3167 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(193, 105, 209) }
```


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

```
.border{ border-color:rgb(193, 105, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 105, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 105, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 105, 209);  
box-shadow:4px 4px 4px 4px rgb(193, 105,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5525, 26.0441, 63.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 105, 209) }
```

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

```
.background{ background-color: rgb(193,  
105, 209) }
```

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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