

Converting Colors

XYZ(35.5314, 23.8818, 26.8875)

Have a look what the booklet for
XYZ(35.5314, 23.8818, 26.8875)
contains.

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Color

**XYZ(35.5436, 23.8683,
26.7784)**

Conversions

Conversions Part 1

Format	Color
Hex	D35F8A
RGB	211, 95, 138
RGB Percent	83%, 37%, 54%
CMY	0.1725, 0.6274, 0.4588
CMYK	0.00, 0.55, 0.35, 0.17
HSL	338°, 57%, 60%
HSV	338°, 55%, 83%
XYZ	35.5436, 23.8683, 26.7784
YIQ	134.5860, 55.3330, 37.9650

Conversions

Conversions Part 2

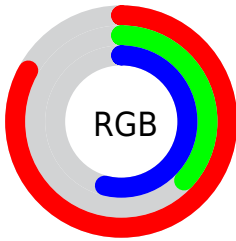
Format	Color
R_{YB}	211, 95, 138
Decimal	13852554
CIE _{Lab}	55.96, 50.07, -1.24
CIE _{LCh}	56, 50.090, 358.576
Yxy	23.8683, 0.4124, 0.2769
Android (android.graphics.Color)	4292042634 (0xFFD35F8A)
YUV	134.5860, 1.6831, 67.0151
Hunter-Lab	48.8552, 44.3674, 1.7007

Details

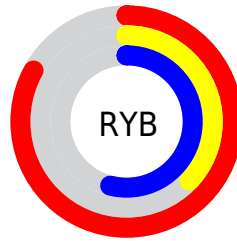
The XYZ color **35.5436, 23.8683, 26.7784** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **35.0828, 51.8492, 45.2077**, and the grayscale version is **22.8564, 24.0467, 26.1869**.

A 20% lighter version of the original color is **61.3914, 46.5165, 55.0331**, and **15.6571, 8.9945, 10.1434** is the 20% darker color. If you saturate the color by 10%, you get **32.9904, 20.2076, 21.4705**, and if you desaturate by 10%, it is **38.7303, 28.6078, 32.8779**.

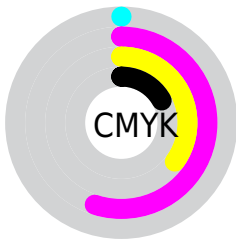
Distribution



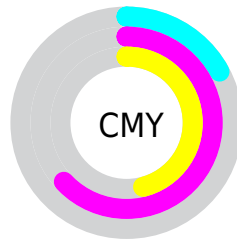
- Red (83%)
- Green (37%)
- Blue (54%)



- Red (83%)
- Yellow (37%)
- Blue (54%)



- Cyan (0%)
- Magenta (55%)
- Yellow (35%)
- Black (17%)





- Cyan (17%)
- Magenta (63%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5436, 23.8683, 26.7784 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 35.5436, 23.8683, 26.7784 by changing the saturation by 10% instead.

 35.5436, 23.8683,
26.7784


 35.5436, 23.8683,
26.7784


318.4274,
272.1540, 300.3087


 24.2504, 15.2360,
17.1759


 67.6555, 49.8152,
55.5275


 15.6452, 8.9852,
10.1967


 89.2050, 67.8985,
75.5111

 9.3627, 4.7315,
5.4223


 114.9038, 89.9010,
99.7922

 5.0375, 2.0906,
2.4340

 145.1175,
116.2070, 128.7894

 2.3043, 0.6593,
0.8049

180.2114,
147.2009, 162.9210

 0.7968, 0.0000,
0.0000

220.5507,

 0.0000, 0.0000,

183.2671, 202.6058

0.0000

266.5010,
224.7900, 248.2622

■ 35.5436, 23.8683,
26.7784

■ 35.5436, 23.8683,
26.7784

■ 32.9904, 20.2076,
21.4705

■ 38.7303, 28.6078,
32.8779

■ 31.0219, 17.5350,
16.9165

■ 42.5905, 34.4996,
39.8014

■ 29.5849, 15.7511,
13.0767

■ 47.1628, 41.6153,
47.5810

■ 28.6142, 14.7333,
9.9059

■ 52.4826, 50.0191,
56.2463

■ 28.2466, 14.4019,
8.5381

■ 58.5825, 59.7713,
65.8256

■ 65.4934, 70.9278,
76.3457

■ 73.2442, 83.5417,
87.8324

■ 78.9886, 91.9147,
99.3522

■ 80.6740, 92.5889,
108.2272

Harmonies

Analogous

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



33.4175, 23.8683, 46.0972



35.5436, 23.8683, 26.7784



33.7722, 23.8683, 13.6521

Triad

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



35.5436, 23.8683, 26.7784



17.8243, 23.8683, 6.9878



17.4246, 23.8683, 63.1680

Complementary

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



35.5436, 23.8683, 26.7784



35.0828, 51.8492, 45.2077

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.



14.3379, 23.8683, 44.1408



35.5436, 23.8683, 26.7784



14.5400, 23.8683, 12.7891

Square

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



35.5436, 23.8683, 26.7784



22.9603, 23.8683, 5.5124



13.3766, 23.8683, 25.2143



22.4141, 23.8683, 71.8679

Rectangle

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



35.5436, 23.8683, 26.7784



30.7629, 23.8683, 8.8095



13.3766, 23.8683, 25.2143



16.1633, 23.8683, 57.4595

Sweetspot

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



35.5443, 23.8695, 26.7788



79.5252, 75.1296, 84.6753



31.6892, 21.0538, 64.0216



16.6435, 15.4813, 17.5145



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.



35.5443, 23.8695, 26.7788



50.0553, 30.2004, 31.6590



34.3495, 25.5145, 13.9425



11.9873, 11.8797, 13.2091



17.0924, 8.7098, 5.3928



0.9936, 0.5022, 0.5011

Inverse Universe

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



35.5443, 23.8695, 26.7788



50.0553, 30.2004, 31.6590



36.5505, 47.2815, 68.8278



11.9873, 11.8797, 13.2091



17.0924, 8.7098, 5.3928



0.9936, 0.5022, 0.5011

Previews

White Background



This preview shows how the XYZ color 35.5436, 23.8683, 26.7784 looks on a white background.

Color Contrast Check

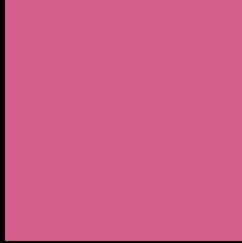
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5436, 23.8683, 26.7784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

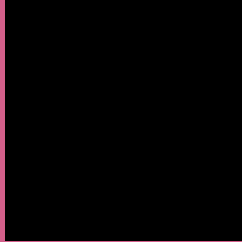
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5436, 23.8683, 26.7784

Background



This preview shows how black text looks on a background with the XYZ color 35.5436, 23.8683, 26.7784.



This preview shows how white text looks on a background with the XYZ color 35.5436, 23.8683,

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

35.5436, 23.8683, 26.7784

Protanopia

23.9624, 24.0508, 37.5617

Deuteranopia

24.3602, 23.9271, 25.1643



Tritanopia

33.6549, 23.9454, 17.0355

Trichromacy



Original Color

35.5436, 23.8683, 26.7784

Protanomaly

26.6447, 22.8645, 33.1460

Deuteranomaly

27.4590, 23.1017, 25.5661

Tritanomaly

34.3700, 23.9572, 20.2655

Monochromacy



Original Color

35.5436, 23.8683, 26.7784

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.2647, 22.9970, 26.3471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5436, 23.8683, 26.7784 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(211, 95, 138)` looks like.

```
.text, #text, p{  
    color:rgb(211, 95, 138)  
}
```

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(211, 95, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 95, 138) }
```

Border

The CSS property to change the border of an element to XYZ 35.5436, 23.8683, 26.7784 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(211, 95, 138) }
```


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

```
.border{ border-color:rgb(211, 95, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 95, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 95, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 95, 138);  
box-shadow:4px 4px 4px 4px rgb(211, 95,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5436, 23.8683, 26.7784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 95, 138) }
```

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

```
.background{ background-color: rgb(211, 95,  
138) }
```

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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