

Converting Colors

XYZ(35.6110, 23.9072, 27.2467)

Have a look what the booklet for
XYZ(35.6110, 23.9072, 27.2467)
contains.

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Color

**XYZ(35.6164, 23.8974,
27.1616)**

Conversions

Conversions Part 1

Format	Color
Hex	D35F8B
RGB	211, 95, 139
RGB Percent	83%, 37%, 55%
CMY	0.1725, 0.6274, 0.4549
CMYK	0.00, 0.55, 0.34, 0.17
HSL	337°, 57%, 60%
HSV	337°, 55%, 83%
XYZ	35.6164, 23.8974, 27.1616
YIQ	134.7000, 55.0120, 38.2760

Conversions

Conversions Part 2

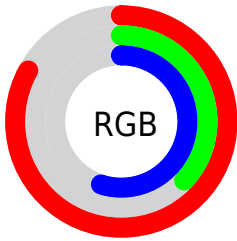
Format	Color
R_{YB}	211, 95, 139
Decimal	13852555
CIE _{Lab}	55.98, 50.19, -1.79
CIE _{LCh}	56, 50.226, 357.959
Yxy	23.8974, 0.4109, 0.2757
Android (android.graphics.Color)	4292042635 (0xFFD35F8B)
YUV	134.7000, 2.1199, 66.9151
Hunter-Lab	48.8850, 44.5021, 1.2766

Details

The XYZ color **35.6164, 23.8974, 27.1616** 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 **34.9899, 51.8121, 44.7187**, and the grayscale version is **22.8970, 24.0895, 26.2334**.

A 20% lighter version of the original color is **61.5019, 46.5607, 55.6148**, and **15.6988, 9.0112, 10.3631** is the 20% darker color. If you saturate the color by 10%, you get **33.0662, 20.2379, 21.8696**, and if you desaturate by 10%, it is **38.7972, 28.6345, 33.2300**.

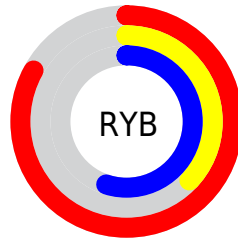
Distribution



Red (83%)

Green (37%)

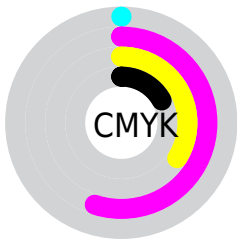
Blue (55%)



Red (83%)

Yellow (37%)

Blue (55%)

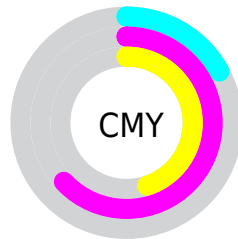


Cyan (0%)

Magenta (55%)

Yellow (34%)

Black (17%)



Cyan (17%)


Magenta (63%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6164, 23.8974, 27.1616 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 35.6164, 23.8974, 27.1616 by changing the saturation by 10% instead.

 35.6164, 23.8974,
27.1616


 35.6164, 23.8974,
27.1616


318.7413,
272.3014, 302.2236

 24.3068, 15.2575,
17.4611


 67.7673, 49.8627,
56.1500


 15.6873, 9.0003,
10.3984


 89.3394, 67.9570,
76.2749

 9.3926, 4.7414,
5.5548


 115.0630, 89.9714,
100.7118

 5.0573, 2.0963,
2.5120

 145.3034,
116.2906, 129.8791

 2.3160, 0.6626,
0.8465

180.4262,
147.2987, 164.1954

 0.8028, 0.0000,
0.0000

220.7965,

 0.0000, 0.0000,

183.3803, 204.0792

0.0000

266.7798,
224.9197, 249.9491

■ 35.6164, 23.8974,
27.1616

■ 35.6164, 23.8974,
27.1616

■ 33.0662, 20.2379,
21.8696

■ 38.7972, 28.6345,
33.2300

■ 31.0981, 17.5654,
17.3171

■ 42.6484, 34.5228,
40.1062

■ 29.6588, 15.7807,
13.4657

■ 47.2085, 41.6335,
47.8214

■ 28.6837, 14.7611,
10.2713

■ 52.5126, 50.0311,
56.4045

■ 28.3130, 14.4285,
8.8876

■ 58.5934, 59.7756,
65.8829

■ 65.4814, 70.9230,
76.2828

■ 73.2057, 83.5262,
87.6292

■ 78.9195, 91.8871,
98.9880

■ 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.



33.4054, 23.8974, 46.6351



35.6164, 23.8974, 27.1616



33.9160, 23.8974, 13.8420

Triad

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



35.6164, 23.8974, 27.1616



17.9249, 23.8974, 6.9029



17.3501, 23.8974, 63.0339

Complementary

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



35.6164, 23.8974, 27.1616



34.9899, 51.8121, 44.7187

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.



14.2976, 23.8974, 43.8184



35.6164, 23.8974, 27.1616



14.5881, 23.8974, 12.6016

Square

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



35.6164, 23.8974, 27.1616



23.1089, 23.8974, 5.4969



13.3776, 23.8974, 24.9112



22.3232, 23.8974, 72.0788

Rectangle

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



35.6164, 23.8974, 27.1616



30.9299, 23.8974, 8.9041



13.3776, 23.8974, 24.9112



16.0990, 23.8974, 57.2382

Sweetspot

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



35.6171, 23.8986, 27.1620



79.5745, 75.1493, 84.9348



31.6892, 21.0538, 64.0217



16.6552, 15.4860, 17.5760



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.



35.6171, 23.8986, 27.1620



50.1720, 30.2471, 32.2736



34.3495, 25.5145, 13.9424



11.9916, 11.8814, 13.2315



17.1331, 8.7261, 5.6069



0.9961, 0.5032, 0.5145

Inverse Universe

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



35.6171, 23.8986, 27.1620



50.1720, 30.2471, 32.2736



36.5505, 47.2816, 68.8279



11.9916, 11.8814, 13.2315



17.1331, 8.7261, 5.6069



0.9961, 0.5032, 0.5145

Previews

White Background



This preview shows how the XYZ color 35.6164, 23.8974, 27.1616 looks on a white background.

Color Contrast Check

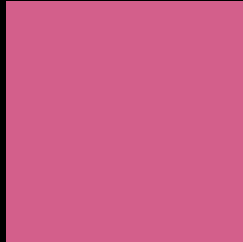
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6164, 23.8974, 27.1616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

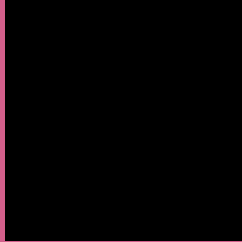
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6164, 23.8974, 27.1616

Background



This preview shows how black text looks on a background with the XYZ color 35.6164, 23.8974, 27.1616.



This preview shows how white text looks on a background with the XYZ color 35.6164, 23.8974,

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

35.6164, 23.8974, 27.1616

Protanopia

23.9005, 24.0086, 38.0248

Deuteranopia

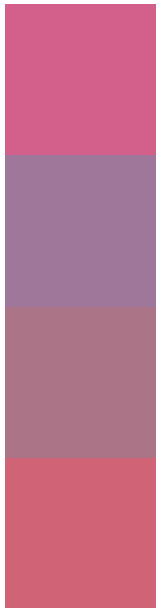
24.4290, 23.9546, 25.5265



Tritanopia

33.3729, 23.8000, 17.0223

Trichromacy



Original Color

35.6164, 23.8974, 27.1616

Protanomaly

26.5301, 22.7958, 33.5736

Deuteranomaly

27.5291, 23.1298, 25.9352

Tritanomaly

34.0861, 23.8109, 20.2522

Monochromacy



Original Color

35.6164, 23.8974, 27.1616

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 35.6164, 23.8974, 27.1616 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(211, 95, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 95, 139) }
```

Border

The CSS property to change the border of an element to XYZ 35.6164, 23.8974, 27.1616 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, 139) }
```


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

```
.border{ border-color:rgb(211, 95, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 95, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 95, 139);  
box-shadow:4px 4px 4px 4px rgb(211, 95,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6164, 23.8974, 27.1616 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, 139) }
```

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

```
.background{ background-color: rgb(211, 95,  
139) }
```

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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