

Converting Colors

XYZ(35.7730, 23.8625, 32.4271)

Have a look what the booklet for
XYZ(35.7730, 23.8625, 32.4271)
contains.

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Color

**XYZ(35.7721, 23.8613,
32.4261)**

Conversions

Conversions Part 1

Format	Color
Hex	D05F98
RGB	208, 95, 152
RGB Percent	82%, 37%, 60%
CMY	0.1843, 0.6274, 0.4039
CMYK	0.00, 0.54, 0.27, 0.18
HSL	330°, 55%, 59%
HSV	330°, 54%, 82%
XYZ	35.7721, 23.8613, 32.4261
YIQ	135.2850, 49.0510, 41.6830

Conversions

Conversions Part 2

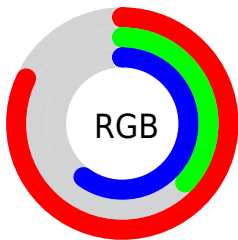
Format	Color
R_{YB}	208, 95, 152
Decimal	13655960
CIE _{Lab}	55.95, 50.87, -9.51
CIE _{LCh}	56, 51.756, 349.412
Yxy	23.8613, 0.3886, 0.2592
Android (android.graphics.Color)	4291846040 (0xFFD05F98)
YUV	135.2850, 8.2405, 63.7711
Hunter-Lab	48.8480, 45.2340, -5.1640

Details

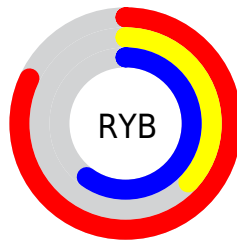
The XYZ color **35.7721, 23.8613, 32.4261** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **32.8623, 49.7796, 37.1570**, and the grayscale version is **23.0933, 24.2960, 26.4583**.

A 20% lighter version of the original color is **63.1280, 47.2111, 64.1780**, and **15.8703, 9.0365, 13.2197** is the 20% darker color. If you saturate the color by 10%, you get **33.3344, 20.2788, 27.6275**, and if you desaturate by 10%, it is **38.7847, 28.4757, 37.7789**.

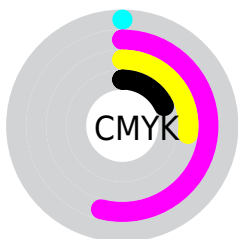
Distribution



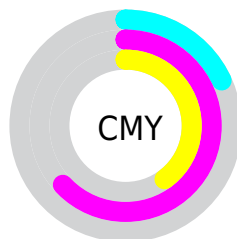
- Red (82%)
- Green (37%)
- Blue (60%)



- Red (82%)
- Yellow (37%)
- Blue (60%)



- Cyan (0%)
- Magenta (54%)
- Yellow (27%)
- Black (18%)





- Cyan (18%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7721, 23.8613, 32.4261 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 35.7721, 23.8613, 32.4261 by changing the saturation by 10% instead.

 35.7721, 23.8613,
32.4261


 35.7721, 23.8613,
32.4261

319.4120,
272.1185, 327.6081


 24.4275, 15.2308,
21.4197


 68.0063, 49.8038,
64.5841


 15.7775, 8.9815,
13.2369


 89.6267, 67.8845,
86.5728

 9.4567, 4.7291,
7.4592


 115.4031, 89.8841,
113.0593

 5.0997, 2.0892,
3.6681

 145.7008,
116.1869, 144.4622

 2.3413, 0.6586,
1.4451

180.8851,
147.1773, 181.1999

 0.8157, 0.0000,
0.1765

221.3216,

 0.0000, 0.0000,

183.2398, 223.6911

0.0000

267.3754,
224.7588, 272.3543

■ 35.7721, 23.8613,
32.4261

■ 35.7721, 23.8613,
32.4261

■ 33.3344, 20.2788,
27.6275

■ 38.7847, 28.4757,
37.7789

■ 31.4270, 17.6424,
23.3583

■ 42.4081, 34.1919,
43.7060

■ 30.0013, 15.8582,
19.5931

■ 46.6778, 41.0774,
50.2279

■ 28.9980, 14.8108,
16.3021

■ 51.6258, 49.1936,
57.3636

■ 28.5579, 14.4281,
14.6217

■ 57.2817, 58.5974,
65.1311

■ 63.6735, 69.3422,
73.5472

■ 70.8276, 81.4782,
82.6285

■ 76.6911, 90.8974,
91.6979

■ 78.2198, 91.5089,
99.7478

Harmonies

Analogous

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



32.4414, 23.8613, 53.4016



35.7721, 23.8613, 32.4261



35.1629, 23.8613, 16.6023

Triad

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



35.7721, 23.8613, 32.4261



19.1111, 23.8613, 5.7961



16.0649, 23.8613, 59.3272

Complementary

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



35.7721, 23.8613, 32.4261



32.8623, 49.7796, 37.1570

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.



13.5673, 23.8613, 38.3569



35.7721, 23.8613, 32.4261



15.1032, 23.8613, 10.0468

Square

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



35.7721, 23.8613, 32.4261



24.8305, 23.8613, 5.3327



13.2488, 23.8613, 20.4519



20.6563, 23.8613, 72.8485

Rectangle

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



35.7721, 23.8613, 32.4261



32.6320, 23.8613, 10.3207



13.2488, 23.8613, 20.4519



14.9892, 23.8613, 52.5790

Sweetspot

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



35.7728, 23.8625, 32.4266



80.3008, 75.4399, 88.7595



27.9858, 19.1877, 61.9032



16.8277, 15.5550, 18.4846



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.



35.7728, 23.8625, 32.4266



52.3620, 31.4579, 42.7737



32.2578, 22.4565, 13.9166



12.0539, 11.9063, 13.5598



17.8478, 9.0119, 9.3704



1.0380, 0.5199, 0.7348

Inverse Universe

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



35.7728, 23.8625, 32.4266



52.3620, 31.4579, 42.7737



38.4307, 52.0070, 66.4799



12.0539, 11.9063, 13.5598



17.8478, 9.0119, 9.3704



1.0380, 0.5199, 0.7348

Previews

White Background



This preview shows how the XYZ color 35.7721, 23.8613, 32.4261 looks on a white background.

Color Contrast Check

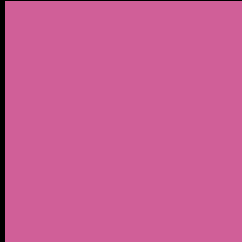
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7721, 23.8613, 32.4261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

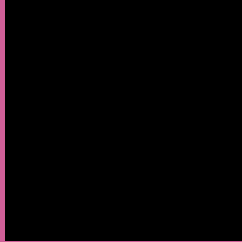
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.7721, 23.8613, 32.4261

Background



This preview shows how black text looks on a background with the XYZ color 35.7721, 23.8613, 32.4261.



This preview shows how white text looks on a background with the XYZ color 35.7721, 23.8613,

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

35.7721, 23.8613, 32.4261

Protanopia

24.4494, 24.1270, 45.4878

Deuteranopia

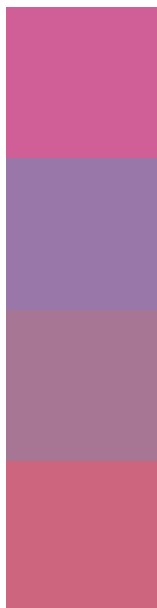
24.4599, 24.0587, 30.5487



Tritanopia

32.7214, 23.8857, 17.9247

Trichromacy



Original Color

35.7721, 23.8613, 32.4261

Protanomaly

26.8951, 22.8305, 40.5253

Deuteranomaly

27.5496, 23.2020, 31.0434

Tritanomaly

33.5964, 23.7929, 22.5604

Monochromacy



Original Color

35.7721, 23.8613, 32.4261

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.4245, 23.0374, 28.2532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7721, 23.8613, 32.4261 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(208, 95, 152)` looks like.

```
.text, #text, p{  
    color:rgb(208, 95, 152)  
}
```

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(208, 95, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 95, 152) }
```

Border

The CSS property to change the border of an element to XYZ 35.7721, 23.8613, 32.4261 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(208, 95, 152) }
```


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

```
.border{ border-color:rgb(208, 95, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 95, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 95, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 95, 152);  
box-shadow:4px 4px 4px 4px rgb(208, 95,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7721, 23.8613, 32.4261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 95, 152) }
```

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

```
.background{ background-color: rgb(208, 95,  
152) }
```

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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