

Converting Colors

XYZ(35.9061, 24.4264, 32.3737)

Have a look what the booklet for
XYZ(35.9061, 24.4264, 32.3737)
contains.

XYZ(35.8615, 24.4561, 32.5362)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.8615, 24.4561,
32.5362)**

Conversions

Conversions Part 1

Format	Color
Hex	CF6398
RGB	207, 99, 152
RGB Percent	81%, 39%, 60%
CMY	0.1882, 0.6117, 0.4039
CMYK	0.00, 0.52, 0.27, 0.19
HSL	331°, 53%, 60%
HSV	331°, 52%, 81%
XYZ	35.8615, 24.4561, 32.5362
YIQ	137.3340, 47.3550, 39.3790

Conversions

Conversions Part 2

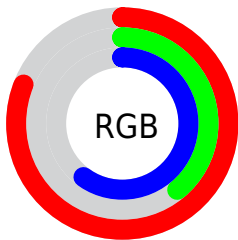
Format	Color
R _Y B	207, 99, 152
Decimal	13591448
CIE Lab	56.54, 48.62, -8.64
CIE LCh	57, 49.381, 349.925
Yxy	24.4561, 0.3862, 0.2634
Android (android.graphics.Color)	4291781528 (0xFFCF6398)
YUV	137.3340, 7.2303, 61.0971
Hunter-Lab	49.4531, 42.8984, -4.3909

Details

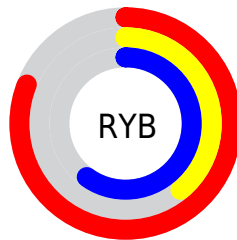
The XYZ color **35.8615, 24.4561, 32.5362** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **33.2924, 49.6121, 38.3958**, and the grayscale version is **23.8660, 25.1089, 27.3436**.

A 20% lighter version of the original color is **63.7718, 48.4987, 64.3926**, and **15.8650, 9.3004, 13.2709** is the 20% darker color. If you saturate the color by 10%, you get **33.3203, 20.6946, 27.6168**, and if you desaturate by 10%, it is **38.9834, 29.2558, 38.0283**.

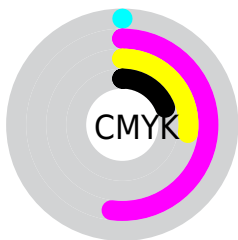
Distribution



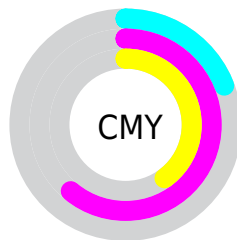
- Red (81%)
- Green (39%)
- Blue (60%)



- Red (81%)
- Yellow (39%)
- Blue (60%)



- Cyan (0%)
- Magenta (52%)
- Yellow (27%)
- Black (19%)





- Cyan (19%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8615, 24.4561, 32.5362 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 35.8615, 24.4561, 32.5362 by changing the saturation by 10% instead.

 35.8615, 24.4561,
32.5362


 35.8615, 24.4561,
32.5362


319.7966,
275.1183, 328.1223

 24.4969, 15.6723,
21.5032


 68.1435, 50.7735,
64.7584


 15.8293, 9.2926,
13.2975


 89.7916, 69.0758,
86.7846

 9.4935, 4.9325,
7.5006


 115.5982, 91.3198,
113.3124

 5.1241, 2.2077,
3.6939

 145.9287,
117.8899, 144.7601

 2.3558, 0.7242,
1.4590

181.1484,
149.1704, 181.5465

 0.8230, 0.0000,
0.1871

221.6227,

 0.0000, 0.0000,

185.5457, 224.0899

0.0000

267.7170,
227.4002, 272.8090

■ 35.8615, 24.4561,
32.5362

■ 35.8615, 24.4561,
32.5362

■ 33.3203, 20.6946,
27.6168

■ 38.9834, 29.2558,
38.0283

■ 31.3166, 17.8884,
23.2453

■ 42.7209, 35.1610,
44.1135

■ 29.8038, 15.9479,
19.3960

■ 47.1084, 42.2374,
50.8126

■ 28.7259, 14.7643,
16.0397

■ 52.1772, 50.5447,
58.1448

■ 28.1097, 14.2164,
13.7236

■ 57.9564, 60.1384,
66.1285

■ 64.4735, 71.0705,
74.7810

■ 71.7542, 83.3903,
84.1189

■ 76.6818, 90.8613,
93.1111

■ 78.2623, 91.4935,
101.4341

Harmonies

Analogous

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



32.7314, 24.4561, 52.5329



35.8615, 24.4561, 32.5362



35.2120, 24.4561, 17.2613

Triad

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



35.8615, 24.4561, 32.5362



19.6901, 24.4561, 6.6207



16.8511, 24.4561, 58.7894

Complementary

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



35.8615, 24.4561, 32.5362



33.2924, 49.6121, 38.3958

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.



14.3521, 24.4561, 38.8882



35.8615, 24.4561, 32.5362



15.7950, 24.4561, 11.0469

Square

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



35.8615, 24.4561, 32.5362



25.2252, 24.4561, 6.0819



14.0002, 24.4561, 21.4831



21.3709, 24.4561, 71.3189

Rectangle

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



35.8615, 24.4561, 32.5362



32.7548, 24.4561, 11.0823



14.0002, 24.4561, 21.4831



15.7806, 24.4561, 52.4331

Sweetspot

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



35.8622, 24.4573, 32.5367



80.2203, 75.4077, 88.3357



28.8624, 20.2025, 61.4100



16.8086, 15.5474, 18.3838



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.



35.8622, 24.4573, 32.5367



52.8345, 32.3520, 43.0883



32.4471, 23.0913, 14.5528



12.0471, 11.9036, 13.5236



17.7579, 8.9760, 8.8970



1.0330, 0.5179, 0.7083

Inverse Universe

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



35.8622, 24.4573, 32.5367



52.8345, 32.3520, 43.0883



38.7217, 51.7838, 66.9862



12.0471, 11.9036, 13.5236



17.7579, 8.9760, 8.8970



1.0330, 0.5179, 0.7083

Previews

White Background



This preview shows how the XYZ color 35.8615, 24.4561, 32.5362 looks on a white background.

Color Contrast Check

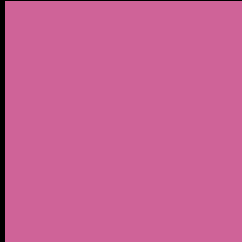
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8615, 24.4561, 32.5362 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 35.8615, 24.4561, 32.5362

Background



This preview shows how black text looks on a background with the XYZ color 35.8615, 24.4561, 32.5362.



This preview shows how white text looks on a background with the XYZ color 35.8615, 24.4561,

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

35.8615, 24.4561, 32.5362

Protanopia

24.9579, 24.8225, 44.5501

Deuteranopia

25.1948, 24.6289, 31.0297



Tritanopia

33.1968, 24.5677, 18.9120

Trichromacy



Original Color

35.8615, 24.4561, 32.5362

Protanomaly

27.4522, 23.6777, 39.6826

Deuteranomaly

28.2897, 23.9277, 31.5612

Tritanomaly

34.0234, 24.4383, 23.3459

Monochromacy



Original Color

35.8615, 24.4561, 32.5362

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.8657, 23.8003, 28.7691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8615, 24.4561, 32.5362 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(207, 99, 152)` looks like.

```
.text, #text, p{  
    color:rgb(207, 99, 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(207, 99, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 99, 152) }
```

Border

The CSS property to change the border of an element to XYZ 35.8615, 24.4561, 32.5362 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(207, 99, 152) }
```


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

```
.border{ border-color:rgb(207, 99, 152) }
```

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

Here you see how a box with a 4 pixel rgb(207, 99, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 99, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 99, 152);  
box-shadow:4px 4px 4px 4px rgb(207, 99,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8615, 24.4561, 32.5362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 99, 152) }
```

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

```
.background{ background-color: rgb(207, 99,  
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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