

Converting Colors

XYZ(35.7272, 24.0402, 28.6644)

Have a look what the booklet for
XYZ(35.7272, 24.0402, 28.6644)
contains.

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Color

**XYZ(35.7191, 24.0506,
28.7462)**

Conversions

Conversions Part 1

Format	Color
Hex	D2608F
RGB	210, 96, 143
RGB Percent	82%, 38%, 56%
CMY	0.1765, 0.6235, 0.4392
CMYK	0.00, 0.54, 0.32, 0.18
HSL	335°, 56%, 60%
HSV	335°, 54%, 82%
XYZ	35.7191, 24.0506, 28.7462
YIQ	135.4440, 52.8570, 38.7850

Conversions

Conversions Part 2

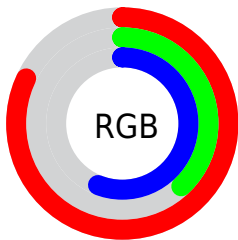
Format	Color
R _Y B	210, 96, 143
Decimal	13787279
CIE Lab	56.14, 49.88, -3.93
CIE LCh	56, 50.033, 355.499
Yxy	24.0506, 0.4035, 0.2717
Android (android.graphics.Color)	4291977359 (0xFFD2608F)
YUV	135.4440, 3.7251, 65.3856
Hunter-Lab	49.0414, 44.1872, -0.4245

Details

The XYZ color **35.7191, 24.0506, 28.7462** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.4826, 51.2249, 42.7233**, and the grayscale version is **23.1678, 24.3744, 26.5437**.

A 20% lighter version of the original color is **62.2244, 47.1039, 58.6357**, and **15.7176, 9.0516, 11.2746** is the 20% darker color. If you saturate the color by 10%, you get **33.1684, 20.3642, 23.5338**, and if you desaturate by 10%, it is **38.8857, 28.8039, 34.6719**.

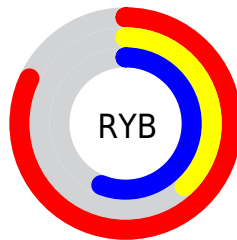
Distribution



Red (82%)

Green (38%)

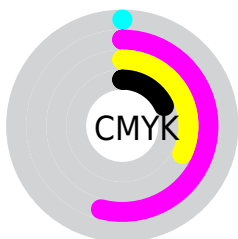
Blue (56%)



Red (82%)

Yellow (38%)

Blue (56%)

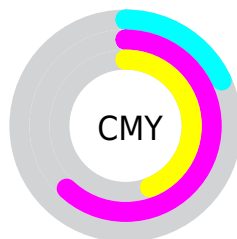


Cyan (0%)

Magenta (54%)

Yellow (32%)

Black (18%)



Cyan (18%)


Magenta (62%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7191, 24.0506, 28.7462 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 35.7191, 24.0506, 28.7462 by changing the saturation by 10% instead.

 35.7191, 24.0506,
28.7462


 35.7191, 24.0506,
28.7462


319.1838,
273.0762, 310.0389


 24.3864, 15.3712,
18.6450

 67.9250, 50.1128,
58.7110


 15.7468, 9.0803,
11.2398

 89.5289, 68.2643,
79.4116

 9.4349, 4.7936,
6.1122


 115.2873, 90.3419,
104.4825

 5.0853, 2.1267,
2.8435

 145.5656,
116.7301, 134.3421

 2.3327, 0.6796,
1.0153

180.7290,
147.8132, 169.4090

 0.8113, 0.0000,
0.0000

221.1429,

 0.0000, 0.0000,

183.9757, 210.1017

0.0000

267.1727,
225.6019, 256.8389

■ 35.7191, 24.0506,
28.7462

■ 35.7191, 24.0506,
28.7462

■ 33.1684, 20.3642,
23.5338

■ 38.8857, 28.8039,
34.6719

■ 31.1866, 17.6561,
19.0021

■ 42.7064, 34.6960,
41.3387

■ 29.7224, 15.8298,
15.1170

■ 47.2188, 41.7967,
48.7743

■ 28.7137, 14.7663,
11.8395

■ 52.4566, 50.1692,
57.0041

■ 28.2812, 14.3828,
10.2111

■ 58.4515, 59.8721,
66.0527

■ 65.2332, 70.9606,
75.9431

■ 72.8297, 83.4864,
86.6977

■ 78.3267, 91.6170,
97.3573

■ 80.2414, 92.3828,
107.4400

Harmonies

Analogous

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



33.2125, 24.0506, 48.4759



35.7191, 24.0506, 28.7462



34.3358, 24.0506, 14.8022

Triad

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



35.7191, 24.0506, 28.7462



18.4304, 24.0506, 6.7660



17.1614, 24.0506, 61.8196

Complementary

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



35.7191, 24.0506, 28.7462



34.4826, 51.2249, 42.7233

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.



14.2760, 24.0506, 42.2839



35.7191, 24.0506, 28.7462



14.9181, 24.0506, 12.0555

Square

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



35.7191, 24.0506, 28.7462



23.7363, 24.0506, 5.6273



13.5289, 24.0506, 23.7844



22.0043, 24.0506, 72.0157

Rectangle

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



35.7191, 24.0506, 28.7462



31.4990, 24.0506, 9.4954



13.5289, 24.0506, 23.7844



15.9644, 24.0506, 55.8129

Sweetspot

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



35.7198, 24.0518, 28.7466



79.7638, 75.2251, 85.9319



30.8190, 20.7543, 63.3543



16.7001, 15.5040, 17.8125



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.



35.7198, 24.0518, 28.7466



50.9687, 30.9006, 35.4368



33.7933, 24.7529, 14.0647



12.0079, 11.8879, 13.3175



17.2985, 8.7922, 6.4779



1.0063, 0.5072, 0.5678

Inverse Universe

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



35.7198, 24.0518, 28.7466



50.9687, 30.9006, 35.4368



37.2278, 48.6811, 68.4070



12.0079, 11.8879, 13.3175



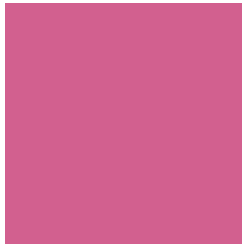
17.2985, 8.7922, 6.4779



1.0063, 0.5072, 0.5678

Previews

White Background



This preview shows how the XYZ color 35.7191, 24.0506, 28.7462 looks on a white background.

Color Contrast Check

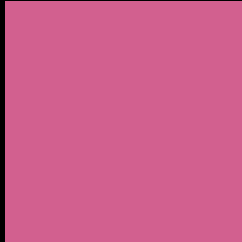
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7191, 24.0506, 28.7462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

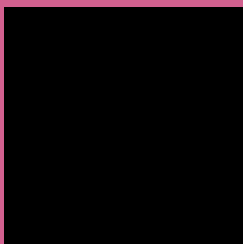
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.7191, 24.0506, 28.7462

Background



This preview shows how black text looks on a background with the XYZ color 35.7191, 24.0506, 28.7462.



This preview shows how white text looks on a background with the XYZ color 35.7191, 24.0506,

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

35.7191, 24.0506, 28.7462

Protanopia

24.2525, 24.3522, 39.9814

Deuteranopia

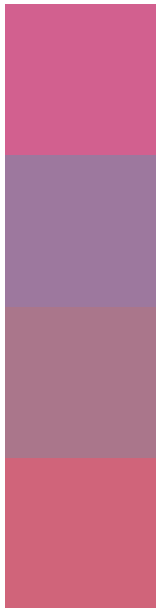
24.6643, 24.2418, 27.0461



Tritanopia

33.3968, 24.0917, 17.6418

Trichromacy



Original Color

35.7191, 24.0506, 28.7462

Protanomaly

26.7927, 23.0697, 35.3885

Deuteranomaly

27.7162, 23.3670, 27.4756

Tritanomaly

34.0824, 23.9294, 21.2348

Monochromacy



Original Color

35.7191, 24.0506, 28.7462

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.3251, 23.1911, 27.1336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7191, 24.0506, 28.7462 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(210, 96, 143)` looks like.

```
.text, #text, p{  
    color:rgb(210, 96, 143)  
}
```

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(210, 96, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 96, 143) }
```

Border

The CSS property to change the border of an element to XYZ 35.7191, 24.0506, 28.7462 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(210, 96, 143) }
```


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

```
.border{ border-color:rgb(210, 96, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 96, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 96, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 96, 143);  
box-shadow:4px 4px 4px 4px rgb(210, 96,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7191, 24.0506, 28.7462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 96, 143) }
```

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

```
.background{ background-color: rgb(210, 96,  
143) }
```

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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