

Converting Colors

XYZ(35.1519, 24.1722, 28.7996)

Have a look what the booklet for
XYZ(35.1519, 24.1722, 28.7996)
contains.

XYZ(35.1519, 24.1722, 28.7996)	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(35.1519, 24.1722,
28.7996)**

Conversions

Conversions Part 1

Format	Color
Hex	CF638F
RGB	207, 99, 143
RGB Percent	81%, 39%, 56%
CMY	0.1882, 0.6117, 0.4392
CMYK	0.00, 0.52, 0.31, 0.19
HSL	336°, 53%, 60%
HSV	336°, 52%, 81%
XYZ	35.1519, 24.1722, 28.7996
YIQ	136.3080, 50.2440, 36.5800

Conversions

Conversions Part 2

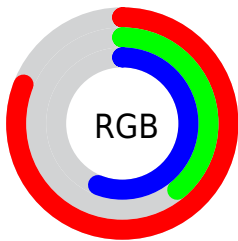
Format	Color
R _Y B	207, 99, 143
Decimal	13591439
CIE Lab	56.26, 47.44, -3.80
CIE LCh	56, 47.587, 355.424
Yxy	24.1722, 0.3989, 0.2743
Android (android.graphics.Color)	4291781519 (0xFFCF638F)
YUV	136.3080, 3.2992, 61.9969
Hunter-Lab	49.1652, 41.5838, -0.3147

Details

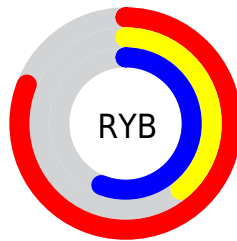
The XYZ color **35.1519, 24.1722, 28.7996** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **34.0705, 49.9233, 42.4934**, and the grayscale version is **23.4927, 24.7162, 26.9159**.

A 20% lighter version of the original color is **62.7093, 48.0737, 58.7973**, and **15.5305, 9.2283, 11.3186** is the 20% darker color. If you saturate the color by 10%, you get **32.5571, 20.3892, 23.5977**, and if you desaturate by 10%, it is **38.3523, 29.0033, 34.7053**.

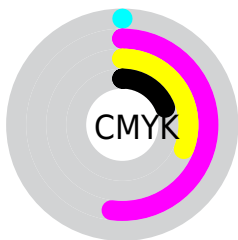
Distribution



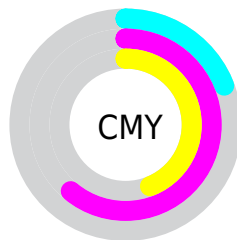
- Red (81%)
- Green (39%)
- Blue (56%)



- Red (81%)
- Yellow (39%)
- Blue (56%)



- Cyan (0%)
- Magenta (52%)
- Yellow (31%)
- Black (19%)





- Cyan (19%)
- Magenta (61%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1519, 24.1722, 28.7996 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 35.1519, 24.1722, 28.7996 by changing the saturation by 10% instead.

 35.1519, 24.1722,
28.7996


 35.1519, 24.1722,
28.7996


316.7346,
273.6899, 310.2995

 23.9470, 15.4614,
18.6850


 67.0535, 50.3111,
58.7969


 15.4188, 9.1439,
11.2684


 88.4809, 68.5079,
79.5167

 9.2021, 4.8351,
6.1312


 114.0464, 90.6356,
104.6087

 4.9314, 2.1509,
2.8550

 144.1155,
117.0785, 134.4913

 2.2414, 0.6930,
1.0211

179.0536,
148.2209, 169.5832

 0.7644, 0.0000,
0.0000

219.2258,

 0.0000, 0.0000,

184.4474, 210.3028

0.0000

264.9977,
226.1423, 257.0687

■ 35.1519, 24.1722,
28.7996

■ 35.1519, 24.1722,
28.7996

■ 32.5571, 20.3892,
23.5977

■ 38.3523, 29.0033,
34.7053

■ 30.5233, 17.5711,
19.0679

■ 42.1944, 34.9503,
41.3413

■ 29.0027, 15.6275,
15.1778

■ 46.7137, 42.0795,
48.7346

■ 27.9379, 14.4491,
11.8901

■ 51.9426, 50.4508,
56.9099

■ 27.3453, 13.9107,
9.6988

■ 57.9112, 60.1202,
65.8909

■ 64.6479, 71.1401,
75.7001

■ 72.1795, 83.5602,
86.3591

■ 77.3901, 91.1446,
96.8415

■ 79.2866, 91.9032,
106.8281

Harmonies

Analogous

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



32.7821, 24.1722, 47.4126



35.1519, 24.1722, 28.7996



33.8585, 24.1722, 15.3788

Triad

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



35.1519, 24.1722, 28.7996



18.7440, 24.1722, 7.3970



17.5020, 24.1722, 59.7800

Complementary

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



35.1519, 24.1722, 28.7996



34.0705, 49.9233, 42.4934

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.



14.7161, 24.1722, 41.5064



35.1519, 24.1722, 28.7996



15.3493, 24.1722, 12.6461

Square

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



35.1519, 24.1722, 28.7996



23.8254, 24.1722, 6.2501



13.9954, 24.1722, 23.9859



22.1450, 24.1722, 69.2813

Rectangle

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



35.1519, 24.1722, 28.7996



31.1868, 24.1722, 10.1515



13.9954, 24.1722, 23.9859



16.3482, 24.1722, 54.1775

Sweetspot

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



35.1526, 24.1734, 28.8001



79.7358, 75.2139, 85.7841



30.6257, 21.1114, 61.4925



16.6934, 15.5013, 17.7775



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.



35.1526, 24.1734, 28.8001



51.6012, 31.8587, 36.5937



33.3478, 24.8927, 14.8530



12.0055, 11.8869, 13.3048



17.2730, 8.7821, 6.3439



1.0047, 0.5066, 0.5597

Inverse Universe

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



35.1526, 24.1734, 28.8001



51.6012, 31.8587, 36.5937



36.6030, 47.5465, 66.2799



12.0055, 11.8869, 13.3048



17.2730, 8.7821, 6.3439



1.0047, 0.5066, 0.5597

Previews

White Background



This preview shows how the XYZ color 35.1519, 24.1722, 28.7996 looks on a white background.

Color Contrast Check

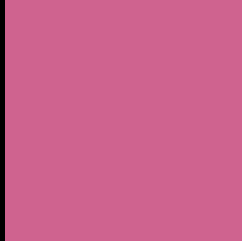
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1519, 24.1722, 28.7996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

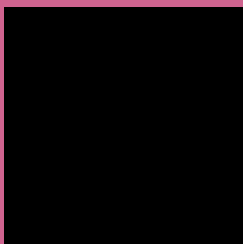
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1519, 24.1722, 28.7996

Background



This preview shows how black text looks on a background with the XYZ color 35.1519, 24.1722, 28.7996.



This preview shows how white text looks on a background with the XYZ color 35.1519, 24.1722,

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

35.1519, 24.1722, 28.7996

Protanopia

24.2187, 24.3560, 39.0220

Deuteranopia

24.7364, 24.2706, 27.4257



Tritanopia

32.8780, 24.1104, 18.2501

Trichromacy



Original Color

35.1519, 24.1722, 28.7996

Protanomaly

26.8278, 23.2772, 34.9773

Deuteranomaly

27.6926, 23.5221, 27.8916

Tritanomaly

33.6022, 24.1097, 21.6215

Monochromacy



Original Color

35.1519, 24.1722, 28.7996

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.6435, 23.7114, 27.5986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1519, 24.1722, 28.7996 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(207, 99, 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(207, 99, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 99, 143) }
```

Border

The CSS property to change the border of an element to XYZ 35.1519, 24.1722, 28.7996 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, 143) }
```


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

```
.border{ border-color:rgb(207, 99, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 99, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 99, 143);  
box-shadow:4px 4px 4px 4px rgb(207, 99,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1519, 24.1722, 28.7996 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, 143) }
```

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

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

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor