

Converting Colors

XYZ(35.4426, 24.3715, 31.0122)

Have a look what the booklet for
XYZ(35.4426, 24.3715, 31.0122)
contains.

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Color

**XYZ(35.3561, 24.3743,
30.8582)**

Conversions

Conversions Part 1

Format	Color
Hex	CE6494
RGB	206, 100, 148
RGB Percent	81%, 39%, 58%
CMY	0.1922, 0.6078, 0.4196
CMYK	0.00, 0.51, 0.28, 0.19
HSL	333°, 52%, 60%
HSV	333°, 51%, 81%
XYZ	35.3561, 24.3743, 30.8582
YIQ	137.1660, 47.7680, 37.4000

Conversions

Conversions Part 2

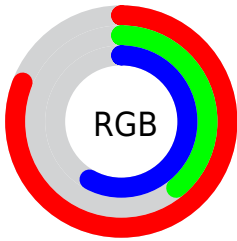
Format	Color
R _Y B	206, 100, 148
Decimal	13526164
CIE Lab	56.46, 47.26, -6.44
CIE LCh	56, 47.700, 352.242
Yxy	24.3743, 0.3903, 0.2691
Android (android.graphics.Color)	4291716244 (0xFFCE6494)
YUV	137.1660, 5.3412, 60.3674
Hunter-Lab	49.3703, 41.4330, -2.4991

Details

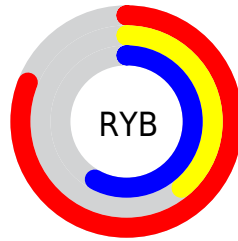
The XYZ color **35.3561, 24.3743, 30.8582** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **33.4997, 49.3213, 40.1047**, and the grayscale version is **23.8092, 25.0491, 27.2785**.

A 20% lighter version of the original color is **63.4563, 48.6355, 61.9202**, and **15.5686, 9.2857, 12.2810** is the 20% darker color. If you saturate the color by 10%, you get **32.7750, 20.5709, 25.8080**, and if you desaturate by 10%, it is **38.5250, 29.2138, 36.5335**.

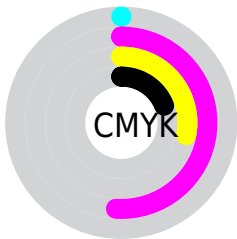
Distribution



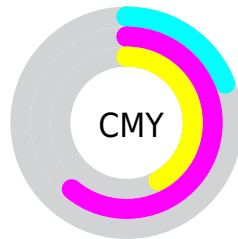
- Red (81%)
- Green (39%)
- Blue (58%)



- Red (81%)
- Yellow (39%)
- Blue (58%)



- Cyan (0%)
- Magenta (51%)
- Yellow (28%)
- Black (19%)





- Cyan (19%)
- Magenta (61%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3561, 24.3743, 30.8582 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 35.3561, 24.3743, 30.8582 by changing the saturation by 10% instead.

 35.3561, 24.3743,
30.8582


 35.3561, 24.3743,
30.8582


317.6179,
274.7074, 320.2155


 24.1051, 15.6115,
20.2333

 67.3675, 50.6403,
62.0937


 15.5368, 9.2497,
12.3790


 88.8585, 68.9123,
83.5414

 9.2857, 4.9044,
6.8767


 114.4937, 91.1229,
109.4339

 4.9866, 2.1913,
3.3078

 144.6382,
117.6564, 140.1895

 2.2741, 0.7152,
1.2539

179.6576,
148.8971, 176.2270

 0.7814, 0.0000,
0.0235

219.9171,

 0.0000, 0.0000,

185.2297, 217.9648

0.0000

265.7821,
227.0383, 265.8214

■ 35.3561, 24.3743,
30.8582

■ 35.3561, 24.3743,
30.8582

■ 32.7750, 20.5709,
25.8080

■ 38.5250, 29.2138,
36.5335

■ 30.7386, 17.7222,
21.3558

■ 42.3164, 35.1554,
42.8565

■ 29.2012, 15.7404,
17.4736

■ 46.7646, 42.2642,
49.8502

■ 28.1074, 14.5193,
14.1298

■ 51.9006, 50.5987,
57.5356

■ 27.4418, 13.9171,
11.6604

■ 57.7537, 60.2137,
65.9331

■ 64.3511, 71.1608,
75.0619

■ 71.7187, 83.4884,
84.9403

■ 76.6726, 90.8254,
94.5167

■ 78.3831, 91.5096,
103.5238

Harmonies

Analogous

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



32.6129, 24.3743, 49.8446



35.3561, 24.3743, 30.8582



34.4459, 24.3743, 16.6158

Triad

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



35.3561, 24.3743, 30.8582



19.3771, 24.3743, 7.1747



17.2564, 24.3743, 58.5575

Complementary

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



35.3561, 24.3743, 30.8582



33.4997, 49.3213, 40.1047

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.



14.6658, 24.3743, 39.7890



35.3561, 24.3743, 30.8582



15.7477, 24.3743, 11.9380

Square

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



35.3561, 24.3743, 30.8582



24.6296, 24.3743, 6.3769



14.1610, 24.3743, 22.6437



21.7635, 24.3743, 69.4921

Rectangle

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



35.3561, 24.3743, 30.8582



31.9470, 24.3743, 10.9001



14.1610, 24.3743, 22.6437



16.1640, 24.3743, 52.6697

Sweetspot

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



35.3568, 24.3755, 30.8587



80.8498, 76.7014, 88.4380



29.5127, 20.6933, 60.8315



16.9241, 15.7987, 18.3596



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.



35.3568, 24.3755, 30.8587



52.6189, 32.6363, 40.8108



32.6583, 23.8502, 14.9404



11.4200, 11.2967, 12.7462



16.9453, 8.5887, 7.4306



0.9123, 0.4583, 0.5839

Inverse Universe

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



35.3568, 24.3755, 30.8587



52.6189, 32.6363, 40.8108



37.6272, 49.6266, 65.9885



11.4200, 11.2967, 12.7462



16.9453, 8.5887, 7.4306



0.9123, 0.4583, 0.5839

Previews

White Background



This preview shows how the XYZ color 35.3561, 24.3743, 30.8582 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 35.3561, 24.3743, 30.8582 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 35.3561, 24.3743, 30.8582

Background



This preview shows how black text looks on a background with the XYZ color 35.3561, 24.3743, 30.8582.



This preview shows how white text looks on a background with the XYZ color 35.3561, 24.3743,

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

35.3561, 24.3743, 30.8582

Protanopia

24.7671, 24.7802, 42.0058

Deuteranopia

25.0632, 24.5967, 29.4133



Tritanopia

32.9236, 24.4268, 18.8992

Trichromacy



Original Color

35.3561, 24.3743, 30.8582

Protanomaly

27.2807, 23.6313, 37.7738

Deuteranomaly

27.9758, 23.8021, 29.9078

Tritanomaly

33.6180, 24.2444, 22.6464

Monochromacy



Original Color

35.3561, 24.3743, 30.8582

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.9157, 24.0198, 28.4170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3561, 24.3743, 30.8582 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(206, 100, 148)` looks like.

```
.text, #text, p{  
    color:rgb(206, 100, 148)  
}
```

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(206, 100, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 100, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.3561, 24.3743, 30.8582 is called "border". The border property can be set on classes, ids or directly on the HTML element.

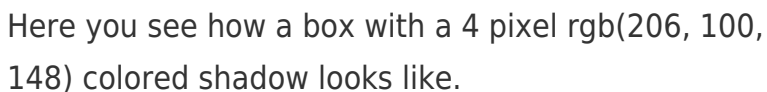
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 100, 148) }
```


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

```
.border{ border-color:rgb(206, 100, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 100, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 100, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 100, 148); box-shadow:4px 4px 4px 4px rgb(206, 100, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3561, 24.3743, 30.8582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 100, 148) }
```

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

```
.background{ background-color: rgb(206,  
100, 148) }
```

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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