

Converting Colors

XYZ(35.3411, 24.5987, 32.8931)

Have a look what the booklet for
XYZ(35.3411, 24.5987, 32.8931)
contains.

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Color

**XYZ(35.4030, 24.6400,
33.0270)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6699
RGB	204, 102, 153
RGB Percent	80%, 40%, 60%
CMY	0.2000, 0.6000, 0.4000
CMYK	0.00, 0.50, 0.25, 0.20
HSL	330°, 50%, 60%
HSV	330°, 50%, 80%
XYZ	35.4030, 24.6400, 33.0270
YIQ	138.3120, 44.4210, 37.4850

Conversions

Conversions Part 2

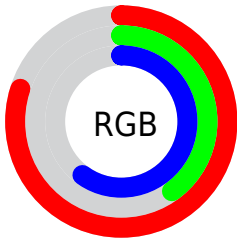
Format	Color
R_YB	204, 102, 153
Decimal	13395609
CIE Lab	56.72, 46.29, -9.00
CIE LCh	57, 47.157, 349.004
Yxy	24.6400, 0.3804, 0.2647
Android (android.graphics.Color)	4291585689 (0xFFCC6699)
YUV	138.3120, 7.2412, 57.6084
Hunter-Lab	49.6387, 40.4409, -4.7014

Details

The XYZ color **35.4030, 24.6400, 33.0270** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.8233, 48.3112, 37.7344**, and the grayscale version is **24.2387, 25.5010, 27.7705**.

A 20% lighter version of the original color is **64.3910, 49.5419, 65.2003**, and **15.5292, 9.3590, 13.5584** is the 20% darker color. If you saturate the color by 10%, you get **32.8324, 20.7898, 28.1896**, and if you desaturate by 10%, it is **38.5403, 29.5079, 38.4092**.

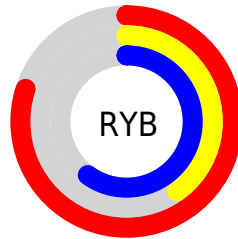
Distribution



Red (80%)

Green (40%)

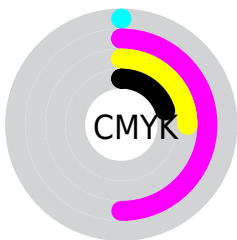
Blue (60%)



Red (80%)

Yellow (40%)

Blue (60%)

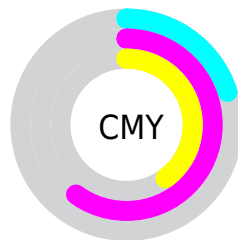


Cyan (0%)

Magenta (50%)

Yellow (25%)

Black (20%)



Cyan (20%)


Magenta (60%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4030, 24.6400, 33.0270 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 35.4030, 24.6400, 33.0270 by changing the saturation by 10% instead.


 35.4030, 24.6400,
33.0270


 35.4030, 24.6400,
33.0270


317.8205,
276.0403, 330.4071

 24.1414, 15.8090,
21.8758


 67.4395, 51.0726,
65.5342


 15.5639, 9.3891,
13.5683


 88.9452, 69.4430,
87.7273

 9.3050, 4.9959,
7.6857


 114.5963, 91.7621,
114.4381

 4.9993, 2.2448,
3.8096

 144.7582,
118.4141, 146.0852

 2.2816, 0.7443,
1.5215

179.7962,
149.7836, 183.0871

 0.7852, 0.0000,
0.2339

220.0757,

 0.0000, 0.0000,

186.2548, 225.8624

0.0000

265.9620,
228.2123, 274.8295

■ 35.4030, 24.6400,
33.0270

■ 35.4030, 24.6400,
33.0270

■ 32.8324, 20.7898,
28.1896

■ 38.5403, 29.5079,
38.4092

■ 30.7877, 17.8793,
23.8739

■ 42.2771, 35.4568,
44.3548

■ 29.2258, 15.8249,
20.0564

■ 46.6458, 42.5490,
50.8833

■ 28.0950, 14.5265,
16.7103

■ 51.6761, 50.8411,
58.0125

■ 27.3002, 13.7968,
13.7940

■ 57.3957, 60.3857,
65.7593

■ 27.3000, 13.7967,
13.7933

■ 63.8305, 71.2327,
74.1399

■ 71.0052, 83.4287,
83.1698

■ 75.6003, 90.3328,
91.7496

■ 77.1137, 90.9381,
99.7189

Harmonies

Analogous

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



32.3372, 24.6400, 51.9894



35.4030, 24.6400, 33.0270



34.9022, 24.6400, 18.1296

Triad

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



35.4030, 24.6400, 33.0270



20.1436, 24.6400, 7.1789



17.1475, 24.6400, 56.7751

Complementary

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



35.4030, 24.6400, 33.0270



32.8233, 48.3112, 37.7344

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.



14.7800, 24.6400, 37.9424



35.4030, 24.6400, 33.0270



16.3136, 24.6400, 11.4672

Square

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



35.4030, 24.6400, 33.0270



25.4941, 24.6400, 6.7341



14.5007, 24.6400, 21.4590



21.4607, 24.6400, 68.8650

Rectangle

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



35.4030, 24.6400, 33.0270



32.6311, 24.6400, 11.9309



14.5007, 24.6400, 21.4590



16.1286, 24.6400, 50.7460

Sweetspot

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



35.4037, 24.6412, 33.0275



81.1105, 76.8057, 89.8110



28.7885, 20.6361, 59.5929



16.9867, 15.8238, 18.6894



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.



35.4037, 24.6412, 33.0275



54.0772, 33.9971, 46.0931



32.0525, 23.3007, 15.3800



11.4423, 11.3057, 12.8639



17.2299, 8.7025, 8.9291



0.9272, 0.4643, 0.6624

Inverse Universe

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



35.4037, 24.6412, 33.0275



54.0772, 33.9971, 46.0931



37.9723, 50.3708, 64.8483



11.4423, 11.3057, 12.8639



17.2299, 8.7025, 8.9291



0.9272, 0.4643, 0.6624

Previews

White Background



This preview shows how the XYZ color 35.4030, 24.6400, 33.0270 looks on a white background.

Color Contrast Check

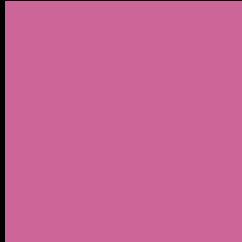
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4030, 24.6400, 33.0270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

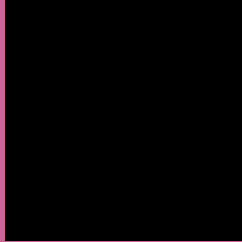
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4030, 24.6400, 33.0270

Background



This preview shows how black text looks on a background with the XYZ color 35.4030, 24.6400, 33.0270.



This preview shows how white text looks on a background with the XYZ color 35.4030, 24.6400,

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

35.4030, 24.6400, 33.0270

Protanopia

25.0060, 24.8587, 44.0377

Deuteranopia

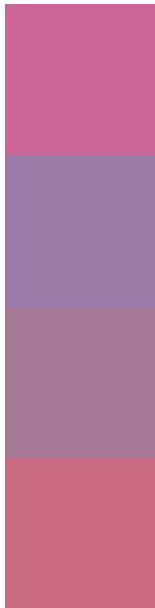
25.4099, 24.9329, 31.4903



Tritanopia

32.7669, 24.6391, 19.8584

Trichromacy



Original Color

35.4030, 24.6400, 33.0270

Protanomaly

27.3844, 23.8260, 39.7148

Deuteranomaly

28.1904, 24.2281, 32.0448

Tritanomaly

33.5404, 24.4763, 24.0757

Monochromacy



Original Color

35.4030, 24.6400, 33.0270

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

27.1918, 24.3318, 29.2499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4030, 24.6400, 33.0270 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(204, 102, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 102, 153)  
}
```

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(204, 102, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 102, 153) }
```

Border

The CSS property to change the border of an element to XYZ 35.4030, 24.6400, 33.0270 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(204, 102, 153) }
```


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

```
.border{ border-color:rgb(204, 102, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 102, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 102, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 102, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 102,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4030, 24.6400, 33.0270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 102, 153) }
```

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

```
.background{ background-color: rgb(204,  
102, 153) }
```

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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