

Converting Colors

XYZ(35.2073, 24.0211, 27.6140)

Have a look what the booklet for
XYZ(35.2073, 24.0211, 27.6140)
contains.

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Color

**XYZ(35.1137, 24.0387,
27.6002)**

Conversions

Conversions Part 1

Format	Color
Hex	D0628C
RGB	208, 98, 140
RGB Percent	82%, 38%, 55%
CMY	0.1843, 0.6157, 0.4510
CMYK	0.00, 0.53, 0.33, 0.18
HSL	337°, 54%, 60%
HSV	337°, 53%, 82%
XYZ	35.1137, 24.0387, 27.6002
YIQ	135.6780, 52.0780, 36.3820

Conversions

Conversions Part 2

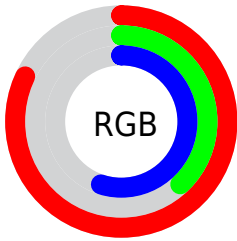
Format	Color
R _Y B	208, 98, 140
Decimal	13656716
CIE Lab	56.13, 47.88, -2.22
CIE LCh	56, 47.931, 357.347
Yxy	24.0387, 0.4048, 0.2771
Android (android.graphics.Color)	4291846796 (0xFFD0628C)
YUV	135.6780, 2.1307, 63.4264
Hunter-Lab	49.0293, 42.0366, 0.9442

Details

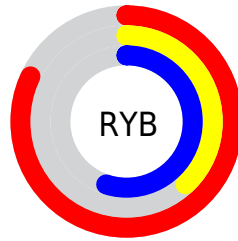
The XYZ color **35.1137, 24.0387, 27.6002** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.4770, 50.4621, 44.0021**, and the grayscale version is **23.2609, 24.4722, 26.6503**.

A 20% lighter version of the original color is **62.0939, 47.5667, 56.3607**, and **15.3238, 9.0236, 10.6069** is the 20% darker color. If you saturate the color by 10%, you get **32.5208, 20.2826, 22.3281**, and if you desaturate by 10%, it is **38.3244, 28.8528, 33.6254**.

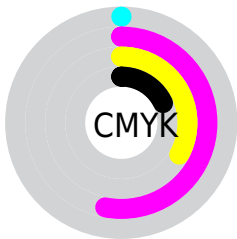
Distribution



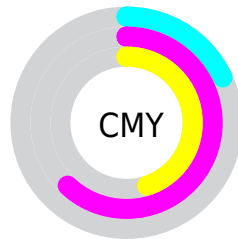
- Red (82%)
- Green (38%)
- Blue (55%)



- Red (82%)
- Yellow (38%)
- Blue (55%)



- Cyan (0%)
- Magenta (53%)
- Yellow (33%)
- Black (18%)





- Cyan (18%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1137, 24.0387, 27.6002 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 35.1137, 24.0387, 27.6002 by changing the saturation by 10% instead.

 35.1137, 24.0387,
27.6002


 35.1137, 24.0387,
27.6002


316.5691,
273.0161, 304.4032

 23.9174, 15.3623,
17.7881


 66.9947, 50.0933,
56.8609


 15.3968, 9.0741,
10.6301


 88.4102, 68.2404,
77.1466

 9.1864, 4.7895,
5.7077


 113.9627, 90.3132,
101.7605

 4.9211, 2.1243,
2.6022

 144.0177,
116.6960, 131.1213

 2.2353, 0.6782,
0.8936

178.9405,
147.7733, 165.6474

 0.7612, 0.0000,
0.0000

219.0964,

 0.0000, 0.0000,

183.9295, 205.7574

0.0000

264.8508,
225.5490, 251.8698

■ 35.1137, 24.0387,
27.6002

■ 35.1137, 24.0387,
27.6002

■ 32.5208, 20.2826,
22.3281

■ 38.3244, 28.8528,
33.6254

■ 30.4998, 17.4992,
17.7744

■ 42.1902, 34.7941,
40.4333

■ 29.0013, 15.5959,
13.9030

■ 46.7477, 41.9302,
48.0534

■ 27.9655, 14.4601,
10.6729

■ 52.0303, 50.3224,
56.5130

■ 27.4388, 13.9804,
8.7283

■ 58.0689, 60.0277,
65.8382

■ 64.8927, 71.0996,
76.0537

■ 72.5294, 83.5885,
87.1834

■ 77.9306, 91.3932,
98.2252

■ 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



32.9505, 24.0387, 46.1351



35.1137, 24.0387, 27.6002



33.5789, 24.0387, 14.5874

Triad

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



35.1137, 24.0387, 27.6002



18.3292, 24.0387, 7.4445



17.6074, 24.0387, 60.8197

Complementary

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



35.1137, 24.0387, 27.6002



34.4770, 50.4621, 44.0021

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.



14.6881, 24.0387, 42.6841



35.1137, 24.0387, 27.6002



15.0555, 24.0387, 13.0049

Square

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



35.1137, 24.0387, 27.6002



23.3408, 24.0387, 6.0877



13.8340, 24.0387, 24.7979



22.3624, 24.0387, 69.5410

Rectangle

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



35.1137, 24.0387, 27.6002



30.7823, 24.0387, 9.6286



13.8340, 24.0387, 24.7979



16.4097, 24.0387, 55.3393

Sweetspot

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



35.1144, 24.0399, 27.6006



79.5888, 75.1551, 85.0104



31.4449, 21.3799, 62.1439



16.6586, 15.4874, 17.5940



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.



35.1144, 24.0399, 27.6006



51.2479, 31.7174, 34.7336



33.8842, 25.6256, 14.7172



11.9928, 11.8819, 13.2381



17.1451, 8.7309, 5.6702



0.9969, 0.5035, 0.5184

Inverse Universe

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



35.1144, 24.0399, 27.6006



51.2479, 31.7174, 34.7336



35.9755, 46.2564, 66.7068



11.9928, 11.8819, 13.2381



17.1451, 8.7309, 5.6702



0.9969, 0.5035, 0.5184

Previews

White Background



This preview shows how the XYZ color 35.1137, 24.0387, 27.6002 looks on a white background.

Color Contrast Check

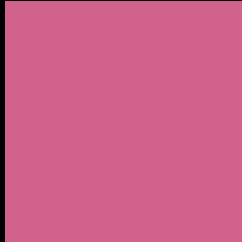
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1137, 24.0387, 27.6002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

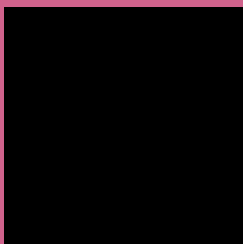
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1137, 24.0387, 27.6002

Background



This preview shows how black text looks on a background with the XYZ color 35.1137, 24.0387, 27.6002.



This preview shows how white text looks on a background with the XYZ color 35.1137, 24.0387,

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

35.1137, 24.0387, 27.6002

Protanopia

24.0999, 24.3260, 37.6076

Deuteranopia

24.7022, 24.2778, 26.3058



Tritanopia

33.2732, 24.1701, 17.9505

Trichromacy



Original Color

35.1137, 24.0387, 27.6002

Protanomaly

26.7707, 23.2769, 33.6538

Deuteranomaly

27.6897, 23.5458, 26.7523

Tritanomaly

33.9963, 24.1733, 21.2865

Monochromacy



Original Color

35.1137, 24.0387, 27.6002

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.3752, 23.4066, 26.7947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1137, 24.0387, 27.6002 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(208, 98, 140)` looks like.

```
.text, #text, p{  
    color:rgb(208, 98, 140)  
}
```

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(208, 98, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 98, 140) }
```

Border

The CSS property to change the border of an element to XYZ 35.1137, 24.0387, 27.6002 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(208, 98, 140) }
```


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

```
.border{ border-color:rgb(208, 98, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 98, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 98, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 98, 140);  
box-shadow:4px 4px 4px 4px rgb(208, 98,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1137, 24.0387, 27.6002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 98, 140) }
```

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

```
.background{ background-color: rgb(208, 98,  
140) }
```

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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