

Converting Colors

XYZ(34.5104, 22.3618, 24.6906)

Have a look what the booklet for
XYZ(34.5104, 22.3618, 24.6906)
contains.

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Color

**XYZ(34.5058, 22.3587,
24.6873)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D35785 |
| RGB | 211, 87, 133 |
| RGB Percent | 83%, 34%, 52% |
| CMY | 0.1725, 0.6588, 0.4784 |
| CMYK | 0.00, 0.59, 0.37, 0.17 |
| HSL | 338°, 58%, 58% |
| HSV | 338°, 59%, 83% |
| XYZ | 34.5058, 22.3587, 24.6873 |
| YIQ | 129.3200, 59.1380, 40.5940 |

Conversions

Conversions Part 2

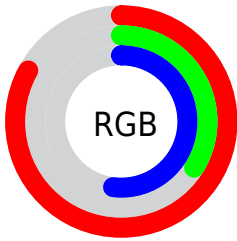
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 211, 87, 133 |
| Decimal | 13850501 |
| CIE Lab | 54.41, 53.22, -0.57 |
| CIE LCh | 54, 53.218, 359.390 |
| Yxy | 22.3587, 0.4231, 0.2742 |
| Android (android.graphics.Color) | 4292040581 (0xFFD35785) |
| YUV | 129.3200, 1.8142, 71.6334 |
| Hunter-Lab | 47.2850, 47.5101, 2.1444 |

Details

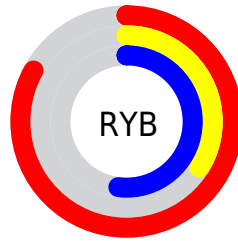
The XYZ color **34.5058, 22.3587, 24.6873** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **34.0175, 51.3320, 43.7155**, and the grayscale version is **20.9586, 22.0500, 24.0125**.

A 20% lighter version of the original color is **59.7759, 44.1512, 51.8259**, and **14.9644, 8.1460, 9.1711** is the 20% darker color. If you saturate the color by 10%, you get **32.1804, 19.0839, 19.6701**, and if you desaturate by 10%, it is **37.4475, 26.6804, 30.4821**.

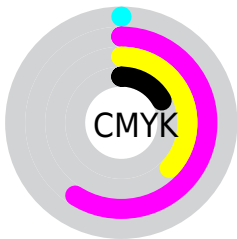
Distribution



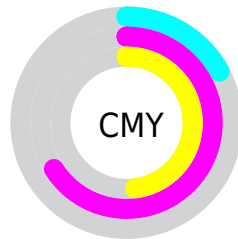
- Red (83%)
- Green (34%)
- Blue (52%)



- Red (83%)
- Yellow (34%)
- Blue (52%)



- Cyan (0%)
- Magenta (59%)
- Yellow (37%)
- Black (17%)





- Cyan (17%)
- Magenta (66%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5058, 22.3587, 24.6873 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 34.5058, 22.3587, 24.6873 by changing the saturation by 10% instead.


 34.5058, 22.3587,
24.6873


 34.5058, 22.3587,
24.6873


313.9279,
264.4138, 289.6747


 23.4472, 14.1207,
15.6273


 66.0585, 47.3381,
52.1073


 15.0465, 8.2047,
9.1093


 87.2834, 64.8484,
71.3044

 8.9386, 4.2262,
4.7148


 112.6276, 86.2181,
94.7176

 4.7579, 1.8009,
2.0251

 142.4567,
111.8318, 122.7656

 2.1392, 0.4877,
0.5707

177.1359,
142.0739, 155.8667

 0.7104, 0.0000,
0.0000

217.0306,

 0.0000, 0.0000,

177.3286, 194.4396

0.0000

262.5061,
217.9804, 238.9027

■ 34.5058, 22.3587,
24.6873

■ 34.5058, 22.3587,
24.6873

■ 32.1804, 19.0839,
19.6701

■ 37.4475, 26.6804,
30.4821

■ 30.4202, 16.7610,
15.3917

■ 41.0471, 32.1262,
37.0879

■ 29.1684, 15.2837,
11.8107

■ 45.3448, 38.7698,
44.5374

■ 28.3368, 14.4833,
8.8736

■ 50.3768, 46.6778,
52.8611

■ 28.2488, 14.4028,
8.5493

■ 56.1766, 55.9117,
62.0876

■ 62.7758, 66.5291,
72.2442

■ 70.2040, 78.5841,
83.3572

■ 78.2315, 91.6119,
95.3654

■ 80.2676, 92.4263,
106.0873

Harmonies

Analogous

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



32.3989, 22.3587, 44.5592



34.5058, 22.3587, 24.6873



32.5568, 22.3587, 11.7697

Triad

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



34.5058, 22.3587, 24.6873



16.2232, 22.3587, 5.7464



16.0516, 22.3587, 63.6080

Complementary

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



34.5058, 22.3587, 24.6873



34.0175, 51.3320, 43.7155

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.



12.9226, 22.3587, 43.6815



34.5058, 22.3587, 24.6873



13.0082, 22.3587, 11.4097

Square

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



34.5058, 22.3587, 24.6873



21.3705, 22.3587, 4.3124



11.9175, 22.3587, 24.0055



21.1325, 22.3587, 72.4493

Rectangle

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



34.5058, 22.3587, 24.6873



29.3908, 22.3587, 7.2298



11.9175, 22.3587, 24.0055



14.7731, 22.3587, 57.6402

Sweetspot

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



34.5064, 22.3599, 24.6877



77.8098, 72.4079, 81.9173



30.3672, 19.3568, 63.7638



16.1382, 14.6823, 16.6938



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.



34.5064, 22.3599, 24.6877



48.5012, 28.0772, 28.1047



33.2843, 23.9366, 11.8842



11.9875, 11.8797, 13.2098



17.0937, 8.7103, 5.3997



0.9937, 0.5022, 0.5015

Inverse Universe

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



34.5064, 22.3599, 24.6877



48.5012, 28.0772, 28.1047



35.5496, 46.4510, 68.7203



11.9875, 11.8797, 13.2098



17.0937, 8.7103, 5.3997



0.9937, 0.5022, 0.5015

Previews

White Background



This preview shows how the XYZ color 34.5058, 22.3587, 24.6873 looks on a white background.

Color Contrast Check

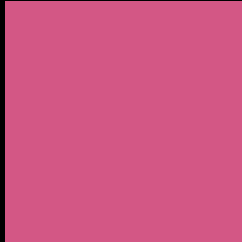
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.5058, 22.3587, 24.6873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

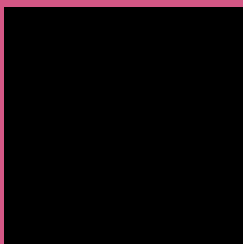
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.5058, 22.3587, 24.6873

Background



This preview shows how black text looks on a background with the XYZ color 34.5058, 22.3587, 24.6873.



This preview shows how white text looks on a background with the XYZ color 34.5058, 22.3587,

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

34.5058, 22.3587, 24.6873

Protanopia

22.4204, 22.4888, 35.9600

Deuteranopia

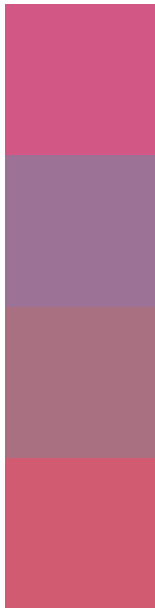
22.9687, 22.4738, 23.2060



Tritanopia

32.3154, 22.3354, 14.6645

Trichromacy



Original Color

34.5058, 22.3587, 24.6873

Protanomaly

25.2326, 21.3046, 31.6364

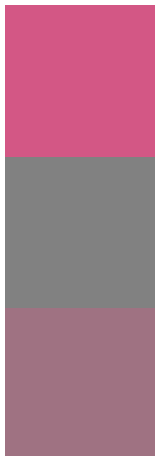
Deuteranomaly

26.1188, 21.6083, 23.5631

Tritanomaly

32.9602, 22.2073, 17.8785

Monochromacy



Original Color

34.5058, 22.3587, 24.6873

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

24.3447, 21.0173, 23.8927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5058, 22.3587, 24.6873 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(211, 87, 133)` looks like.

```
.text, #text, p{  
    color:rgb(211, 87, 133)  
}
```

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(211, 87, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 87, 133) }
```

Border

The CSS property to change the border of an element to XYZ 34.5058, 22.3587, 24.6873 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(211, 87, 133) }
```


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

```
.border{ border-color:rgb(211, 87, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 87, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 87, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 87, 133);  
box-shadow:4px 4px 4px 4px rgb(211, 87,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5058, 22.3587, 24.6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 87, 133) }
```

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

```
.background{ background-color: rgb(211, 87,  
133) }
```

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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