

Converting Colors

XYZ(34.0418, 22.4715, 25.4649)

Have a look what the booklet for
XYZ(34.0418, 22.4715, 25.4649)
contains.

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Color

**XYZ(34.0418, 22.4715,
25.4649)**

Conversions

Conversions Part 1

Format	Color
Hex	D05A87
RGB	208, 90, 135
RGB Percent	82%, 35%, 53%
CMY	0.1843, 0.6470, 0.4706
CMYK	0.00, 0.57, 0.35, 0.18
HSL	337°, 56%, 58%
HSV	337°, 57%, 82%
XYZ	34.0418, 22.4715, 25.4649
YIQ	130.4120, 55.8830, 39.0110

Conversions

Conversions Part 2

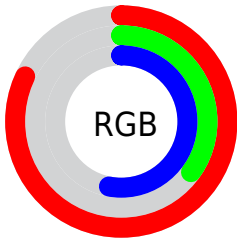
Format	Color
R_{YB}	208, 90, 135
Decimal	13654663
CIE _{Lab}	54.52, 51.10, -1.63
CIE _{LCh}	55, 51.126, 358.173
Yxy	22.4715, 0.4153, 0.2741
Android (android.graphics.Color)	4291844743 (0xFFD05A87)
YUV	130.4120, 2.2619, 68.0447
Hunter-Lab	47.4041, 45.2271, 1.3330

Details

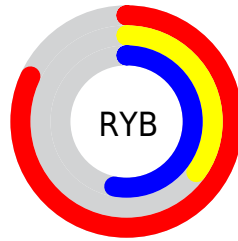
The XYZ color **34.0418, 22.4715, 25.4649** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **33.3844, 49.9304, 42.5313**, and the grayscale version is **21.3432, 22.4547, 24.4532**.

A 20% lighter version of the original color is **60.2904, 44.8374, 53.0538**, and **14.7894, 8.2840, 9.4138** is the 20% darker color. If you saturate the color by 10%, you get **31.6744, 19.1001, 20.4726**, and if you desaturate by 10%, it is **37.0108, 26.8706, 31.1985**.

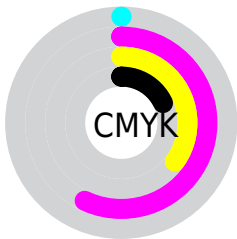
Distribution



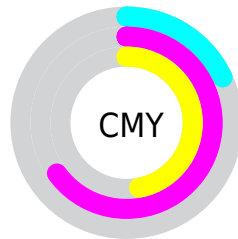
- Red (82%)
- Green (35%)
- Blue (53%)



- Red (82%)
- Yellow (35%)
- Blue (53%)



- Cyan (0%)
- Magenta (57%)
- Yellow (35%)
- Black (18%)




- Cyan (18%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0418, 22.4715, 25.4649 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 34.0418, 22.4715, 25.4649 by changing the saturation by 10% instead.


 34.0418, 22.4715,
25.4649


 34.0418, 22.4715,
25.4649


311.9010,
264.9988, 293.6668


 23.0888, 14.2038,
16.2016


 65.3425, 47.5241,
53.3839


 14.7801, 8.2625,
9.5110


 86.4209, 65.0777,
72.8766

 8.7505, 4.2634,
4.9746


 111.6051, 86.4954,
96.6163

 4.6346, 1.8220,
2.1739

 141.2605,
112.1615, 125.0213

 2.0671, 0.5008,
0.6593

175.7525,
142.4605, 158.5104

 0.6712, 0.0000,
0.0000

215.4463,

 0.0000, 0.0000,

177.7768, 197.5019

0.0000

260.7074,
218.4948, 242.4145

■ 34.0418, 22.4715,
25.4649

■ 34.0418, 22.4715,
25.4649

■ 31.6744, 19.1001,
20.4726

■ 37.0108, 26.8706,
31.1985

■ 29.8607, 16.6671,
16.1858

■ 40.6204, 32.3699,
37.7041

■ 28.5480, 15.0737,
12.5669

■ 44.9085, 39.0393,
45.0117

■ 27.6681, 14.1904,
9.5714

■ 49.9092, 46.9418,
53.1494

■ 27.4353, 13.9791,
8.7098

■ 55.6544, 56.1360,
62.1438

■ 62.1741, 66.6766,
72.0201

■ 69.4963, 78.6152,
82.8026

■ 77.1975, 91.0999,
94.3643

■ 79.1562, 91.8834,
104.6786

Harmonies

Analogous

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



31.8856, 22.4715, 44.6195



34.0418, 22.4715, 25.4649



32.3365, 22.4715, 12.5972

Triad

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



34.0418, 22.4715, 25.4649



16.6638, 22.4715, 6.0990



16.1645, 22.4715, 61.1744

Complementary

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



34.0418, 22.4715, 25.4649



33.3844, 49.9304, 42.5313

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.



13.1974, 22.4715, 42.1236



34.0418, 22.4715, 25.4649



13.4483, 22.4715, 11.5338

Square

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



34.0418, 22.4715, 25.4649



21.7039, 22.4715, 4.7677



12.2965, 22.4715, 23.4968



21.0167, 22.4715, 70.0956

Rectangle

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



34.0418, 22.4715, 25.4649



29.3815, 22.4715, 7.9225



12.2965, 22.4715, 23.4968



14.9476, 22.4715, 55.4243

Sweetspot

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



34.0424, 22.4727, 25.4653



78.7247, 73.7836, 83.6226



30.0990, 19.6297, 61.8772



16.4877, 15.2170, 17.3169



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.



34.0424, 22.4727, 25.4653



49.5505, 29.3638, 30.9578



32.7857, 24.0031, 12.5794



11.9926, 11.8818, 13.2369



17.1429, 8.7300, 5.6585



0.9968, 0.5034, 0.5177

Inverse Universe

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



34.0424, 22.4727, 25.4653



49.5505, 29.3638, 30.9578



34.9463, 45.4160, 66.5990



11.9926, 11.8818, 13.2369



17.1429, 8.7300, 5.6585



0.9968, 0.5034, 0.5177

Previews

White Background



This preview shows how the XYZ color 34.0418, 22.4715, 25.4649 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 34.0418, 22.4715, 25.4649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

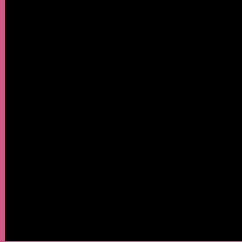
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.0418, 22.4715, 25.4649

Background



This preview shows how black text looks on a background with the XYZ color 34.0418, 22.4715, 25.4649.



This preview shows how white text looks on a background with the XYZ color 34.0418, 22.4715,

25.4649.

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

34.0418, 22.4715, 25.4649

Protanopia

22.6400, 22.7884, 36.4631

Deuteranopia

23.0534, 22.6930, 23.9340



Tritanopia

31.8079, 22.3242, 15.4645

Trichromacy



Original Color

34.0418, 22.4715, 25.4649

Protanomaly

25.2342, 21.4644, 32.0912

Deuteranomaly

26.0504, 21.8888, 24.3247

Tritanomaly

32.5508, 22.3650, 18.8209

Monochromacy



Original Color

34.0418, 22.4715, 25.4649

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

24.3961, 21.1965, 24.6353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0418, 22.4715, 25.4649 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, 90, 135)` looks like.

```
.text, #text, p{  
  color:rgb(208, 90, 135)  
}
```

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, 90, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 90, 135) }
```

Border

The CSS property to change the border of an element to XYZ 34.0418, 22.4715, 25.4649 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, 90, 135) }
```


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

```
.border{ border-color:rgb(208, 90, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 90, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 90, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 90, 135);  
box-shadow:4px 4px 4px 4px rgb(208, 90,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0418, 22.4715, 25.4649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 90, 135) }
```

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

```
.background{ background-color: rgb(208, 90,  
135) }
```

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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