

Converting Colors

XYZ(33.1909, 21.9677, 26.1460)

Have a look what the booklet for
XYZ(33.1909, 21.9677, 26.1460)
contains.

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Color

**XYZ(33.3484, 22.0976,
26.1745)**

Conversions

Conversions Part 1

Format	Color
Hex	CD5A89
RGB	205, 90, 137
RGB Percent	80%, 35%, 54%
CMY	0.1961, 0.6470, 0.4627
CMYK	0.00, 0.56, 0.33, 0.20
HSL	335°, 53%, 58%
HSV	335°, 56%, 80%
XYZ	33.3484, 22.0976, 26.1745
YIQ	129.7430, 53.4530, 38.9970

Conversions

Conversions Part 2

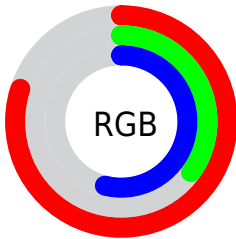
Format	Color
R_{YB}	205, 90, 137
Decimal	13458057
CIE _{Lab}	54.13, 50.37, -3.44
CIE _{LCh}	54, 50.485, 356.090
Yxy	22.0976, 0.4086, 0.2707
Android (android.graphics.Color)	4291648137 (0xFFCD5A89)
YUV	129.7430, 3.5777, 66.0004
Hunter-Lab	47.0081, 44.3670, -0.1075

Details

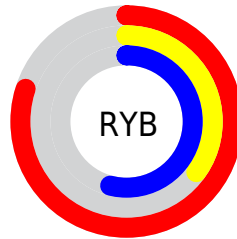
The XYZ color **33.3484, 22.0976, 26.1745** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **32.2205, 48.3056, 39.9762**, and the grayscale version is **21.1027, 22.2017, 24.1776**.

A 20% lighter version of the original color is **60.5075, 44.9242, 54.1973**, and **14.3249, 8.0352, 9.8128** is the 20% darker color. If you saturate the color by 10%, you get **31.0302, 18.7755, 21.3498**, and if you desaturate by 10%, it is **36.2423, 26.4145, 31.6736**.

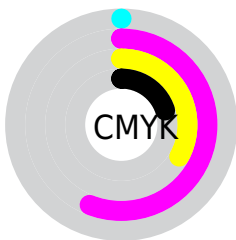
Distribution



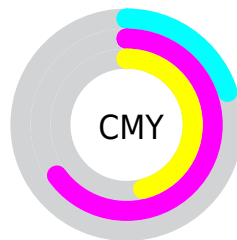
- Red (80%)
- Green (35%)
- Blue (54%)



- Red (80%)
- Yellow (35%)
- Blue (54%)



- Cyan (0%)
- Magenta (56%)
- Yellow (33%)
- Black (20%)





- Cyan (20%)
- Magenta (65%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.3484, 22.0976, 26.1745 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 33.3484, 22.0976, 26.1745 by changing the saturation by 10% instead.

 33.3484, 22.0976,
26.1745


 33.3484, 22.0976,
26.1745


308.8540,
263.0555, 297.2703


 22.5540, 13.9286,
16.7273


 64.2701, 46.9073,
54.5439


 14.3834, 8.0710,
9.8804


 85.1282, 64.3167,
74.3031

 8.4713, 4.1404,
5.2151


 110.0714, 85.5752,
98.3368

 4.4523, 1.7524,
2.3131

 139.4653,
111.0670, 127.0634

 1.9611, 0.4573,
0.7385

173.6752,
141.1765, 160.9015

 0.6119, 0.0000,
0.0000

213.0663,

 0.0000, 0.0000,

176.2882, 200.2697

0.0000

258.0042,
216.7864, 245.5864

■ 33.3484, 22.0976,
26.1745

■ 33.3484, 22.0976,
26.1745

■ 31.0302, 18.7755,
21.3498

■ 36.2423, 26.4145,
31.6736

■ 29.2424, 16.3631,
17.1680

■ 39.7488, 31.7954,
37.8738

■ 27.9353, 14.7663,
13.5958

■ 43.9037, 38.3071,
44.8020

■ 27.0465, 13.8661,
10.5948

■ 48.7395, 46.0102,
52.4826

■ 26.7684, 13.6158,
9.5590

■ 54.2863, 54.9606,
60.9392

■ 60.5726, 65.2109,
70.1940

■ 67.6251, 76.8105,
80.2685

■ 75.4691, 89.8063,
91.1830

■ 77.5871, 91.1593,
100.7769

Harmonies

Analogous

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



31.0030, 22.0976, 45.0945



33.3484, 22.0976, 26.1745



31.9425, 22.0976, 13.0911

Triad

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



33.3484, 22.0976, 26.1745



16.7067, 22.0976, 5.8746



15.6623, 22.0976, 58.7406

Complementary

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



33.3484, 22.0976, 26.1745



32.2205, 48.3056, 39.9762

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.



12.8988, 22.0976, 39.8976



33.3484, 22.0976, 26.1745



13.4242, 22.0976, 10.8594

Square

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



33.3484, 22.0976, 26.1745



21.7288, 22.0976, 4.7786



12.1565, 22.0976, 22.0636



20.2937, 22.0976, 68.3924

Rectangle

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



33.3484, 22.0976, 26.1745



29.1792, 22.0976, 8.2244



12.1565, 22.0976, 22.0636



14.5176, 22.0976, 52.9589

Sweetspot

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



33.3490, 22.0987, 26.1749



78.8901, 73.8498, 84.4932



28.5976, 18.8980, 59.8982



16.5266, 15.2325, 17.5215



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.



33.3490, 22.0987, 26.1749



50.2523, 29.9561, 33.6926



31.5405, 22.7532, 12.4037



11.3992, 11.2884, 12.6368



16.7089, 8.4941, 6.1857



0.8994, 0.4532, 0.5160

Inverse Universe

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



33.3490, 22.0987, 26.1749



50.2523, 29.9561, 33.6926



34.8453, 45.7993, 64.7614



11.3992, 11.2884, 12.6368



16.7089, 8.4941, 6.1857



0.8994, 0.4532, 0.5160

Previews

White Background



This preview shows how the XYZ color 33.3484, 22.0976, 26.1745 looks on a white background.

Color Contrast Check

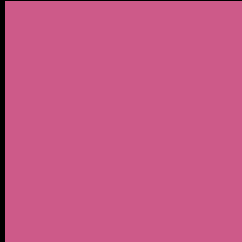
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.3484, 22.0976, 26.1745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

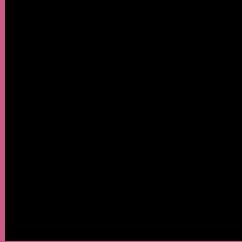
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.3484, 22.0976, 26.1745

Background



This preview shows how black text looks on a background with the XYZ color 33.3484, 22.0976, 26.1745.



This preview shows how white text looks on a background with the XYZ color 33.3484, 22.0976,

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

33.3484, 22.0976, 26.1745

Protanopia

22.3979, 22.4467, 37.3346

Deuteranopia

22.7129, 22.3112, 24.5821



Tritanopia

31.1305, 22.1054, 15.7227

Trichromacy



Original Color

33.3484, 22.0976, 26.1745

Protanomaly

24.8294, 21.2368, 32.9274

Deuteranomaly

25.6558, 21.5030, 24.9886

Tritanomaly

31.7837, 21.9629, 19.0871

Monochromacy



Original Color

33.3484, 22.0976, 26.1745

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

24.2690, 21.1230, 24.9883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3484, 22.0976, 26.1745 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(205, 90, 137)` looks like.

```
.text, #text, p{  
    color:rgb(205, 90, 137)  
}
```

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(205, 90, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 90, 137) }
```

Border

The CSS property to change the border of an element to XYZ 33.3484, 22.0976, 26.1745 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(205, 90, 137) }
```


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

```
.border{ border-color:rgb(205, 90, 137) }
```

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

Here you see how a box with a 4 pixel rgb(205, 90, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 90, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 90, 137);  
box-shadow:4px 4px 4px 4px rgb(205, 90,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3484, 22.0976, 26.1745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 90, 137) }
```

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

```
.background{ background-color: rgb(205, 90,  
137) }
```

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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