

Converting Colors

XYZ(32.8583, 21.1828, 24.4649)

Have a look what the booklet for
XYZ(32.8583, 21.1828, 24.4649)
contains.

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Color

**XYZ(32.8576, 21.1559,
24.5420)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CE5485 |
| RGB | 206, 84, 133 |
| RGB Percent | 81%, 33%, 52% |
| CMY | 0.1922, 0.6706, 0.4784 |
| CMYK | 0.00, 0.59, 0.35, 0.19 |
| HSL | 336°, 55%, 57% |
| HSV | 336°, 59%, 81% |
| XYZ | 32.8576, 21.1559, 24.5420 |
| YIQ | 126.0640, 56.9830, 41.1030 |

Conversions

Conversions Part 2

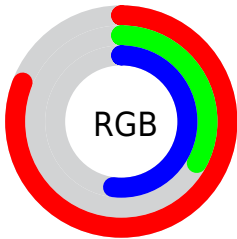
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 206, 84, 133 |
| Decimal | 13522053 |
| CIE _{Lab} | 53.12, 52.99, -2.54 |
| CIE _{LCh} | 53, 53.047, 357.251 |
| Yxy | 21.1559, 0.4183, 0.2693 |
| Android (android.graphics.Color) | 4291712133 (0xFFCE5485) |
| YUV | 126.0640, 3.4194, 70.1039 |
| Hunter-Lab | 45.9955, 47.0219, 0.5613 |

Details

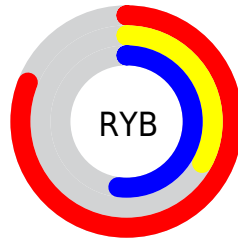
The XYZ color **32.8576, 21.1559, 24.5420** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **31.8145, 48.4624, 39.5785**, and the grayscale version is **19.8289, 20.8616, 22.7182**.

A 20% lighter version of the original color is **59.3355, 43.2704, 51.6791**, and **14.1606, 7.6313, 9.1141** is the 20% darker color. If you saturate the color by 10%, you get **30.6850, 18.0946, 19.8597**, and if you desaturate by 10%, it is **35.6014, 25.1995, 29.9082**.

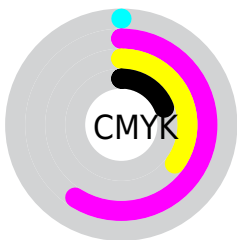
Distribution



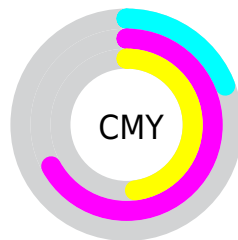
- Red (81%)
- Green (33%)
- Blue (52%)



- Red (81%)
- Yellow (33%)
- Blue (52%)



- Cyan (0%)
- Magenta (59%)
- Yellow (35%)
- Black (19%)




- Cyan (19%)
- Magenta (67%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8576, 21.1559, 24.5420 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 32.8576, 21.1559, 24.5420 by changing the saturation by 10% instead.


 32.8576, 21.1559,
24.5420


 32.8576, 21.1559,
24.5420


306.6839,
258.1059, 288.9236


 22.1761, 13.2380,
15.5203


 63.5093, 45.3469,
51.8681


 14.1037, 7.5926,
9.0347


 84.2102, 62.3887,
71.0095

 8.2750, 3.8354,
4.6667


 108.9817, 83.2407,
94.3613

 4.3247, 1.5819,
1.9978

 138.1889,
108.2871, 122.3419

 1.8874, 0.3454,
0.5539

172.1975,
137.9125, 155.3699

 0.5695, 0.0000,
0.0000

211.3726,

 0.0000, 0.0000,

172.5011, 193.8638

0.0000

256.0796,
212.4374, 238.2422

■ 32.8576, 21.1559,
24.5420

■ 32.8576, 21.1559,
24.5420

■ 30.6850, 18.0946,
19.8597

■ 35.6014, 25.1995,
29.9082

■ 29.0358, 15.9257,
15.8279

■ 38.9553, 30.2982,
35.9869

■ 27.8568, 14.5485,
12.4111

■ 42.9567, 36.5216,
42.8061

■ 27.0594, 13.7920,
9.5606

■ 47.6393, 43.9326,
50.3920

■ 27.0047, 13.7423,
9.3586

■ 53.0345, 52.5890,
58.7690

■ 59.1716, 62.5452,
67.9606

■ 66.0782, 73.8522,
77.9893

■ 73.7806, 86.5582,
88.8765

■ 77.5340, 91.1700,
99.0530

Harmonies

Analogous

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



30.5619, 21.1559, 44.0038



32.8576, 21.1559, 24.5420



31.2479, 21.1559, 11.6258

Triad

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



32.8576, 21.1559, 24.5420



15.5800, 21.1559, 5.0828



14.8394, 21.1559, 59.8009

Complementary

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



32.8576, 21.1559, 24.5420



31.8145, 48.4624, 39.5785

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.



11.9911, 21.1559, 40.1863



32.8576, 21.1559, 24.5420



12.3597, 21.1559, 10.0802

Square

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



32.8576, 21.1559, 24.5420



20.6275, 21.1559, 3.9461



11.1745, 21.1559, 21.5913



19.5974, 21.1559, 69.4462

Rectangle

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



32.8576, 21.1559, 24.5420



28.3153, 21.1559, 7.0255



11.1745, 21.1559, 21.5913



13.6630, 21.1559, 53.8123

Sweetspot

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



32.8582, 21.1570, 24.5424



78.0040, 72.4856, 82.9399



27.8616, 17.7833, 60.3567



16.1852, 14.7011, 16.9414



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.



32.8582, 21.1570, 24.5424



48.9254, 28.2469, 30.3382



31.0723, 21.7982, 10.9587



11.3959, 11.2871, 12.6193



16.6737, 8.4801, 6.0003



0.8974, 0.4524, 0.5056

Inverse Universe

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



32.8582, 21.1570, 24.5424



48.9254, 28.2469, 30.3382



34.4999, 45.7464, 65.4043



11.3959, 11.2871, 12.6193



16.6737, 8.4801, 6.0003



0.8974, 0.4524, 0.5056

Previews

White Background



This preview shows how the XYZ color 32.8576, 21.1559, 24.5420 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 32.8576, 21.1559, 24.5420 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 32.8576, 21.1559, 24.5420

Background



This preview shows how black text looks on a background with the XYZ color 32.8576, 21.1559, 24.5420.



This preview shows how white text looks on a background with the XYZ color 32.8576, 21.1559,

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

32.8576, 21.1559, 24.5420

Protanopia

21.4138, 21.3817, 36.2562

Deuteranopia

21.7289, 21.2737, 23.0397



Tritanopia

30.5743, 21.0605, 14.0089

Trichromacy



Original Color

32.8576, 21.1559, 24.5420

Protanomaly

23.9520, 20.1502, 31.4811

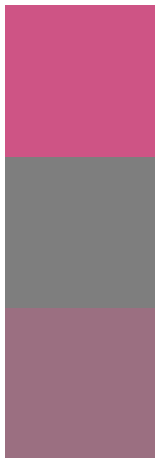
Deuteranomaly

24.7409, 20.4148, 23.4053

Tritanomaly

31.2608, 20.9645, 17.4379

Monochromacy



Original Color

32.8576, 21.1559, 24.5420

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

23.1645, 19.9224, 23.3934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8576, 21.1559, 24.5420 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(206, 84, 133)` looks like.

```
.text, #text, p{  
    color:rgb(206, 84, 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(206, 84, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 84, 133) }
```

Border

The CSS property to change the border of an element to XYZ 32.8576, 21.1559, 24.5420 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(206, 84, 133) }
```


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

```
.border{ border-color:rgb(206, 84, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 84, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 84, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 84, 133);  
box-shadow:4px 4px 4px 4px rgb(206, 84,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8576, 21.1559, 24.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 84, 133) }
```

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

```
.background{ background-color: rgb(206, 84,  
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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