

Converting Colors

XYZ(34.1841, 22.8273, 21.1133)

Have a look what the booklet for
XYZ(34.1841, 22.8273, 21.1133)
contains.

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Color

**XYZ(34.1179, 22.7362,
21.0027)**

Conversions

Conversions Part 1

Format	Color
Hex	D35B7A
RGB	211, 91, 122
RGB Percent	83%, 36%, 48%
CMY	0.1725, 0.6431, 0.5216
CMYK	0.00, 0.57, 0.42, 0.17
HSL	345°, 58%, 59%
HSV	345°, 57%, 83%
XYZ	34.1179, 22.7362, 21.0027
YIQ	130.4140, 61.5690, 35.0810

Conversions

Conversions Part 2

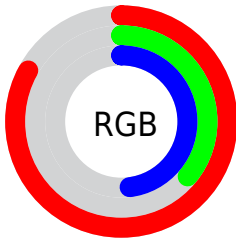
Format	Color
R_{YB}	211, 91, 122
Decimal	13851514
CIE _{Lab}	54.80, 50.18, 6.51
CIE _{LCh}	55, 50.596, 7.392
Yxy	22.7362, 0.4382, 0.2920
Android (android.graphics.Color)	4292041594 (0xFFD35B7A)
YUV	130.4140, -4.1481, 70.6739
Hunter-Lab	47.6825, 44.2764, 7.2623

Details

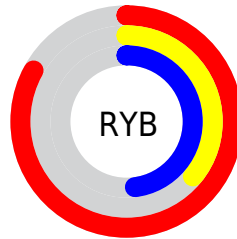
The XYZ color **34.1179, 22.7362, 21.0027** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **35.8481, 52.1085, 51.3519**, and the grayscale version is **21.3646, 22.4772, 24.4777**.

A 20% lighter version of the original color is **59.0054, 44.5668, 45.5367**, and **14.7860, 8.3719, 7.3152** is the 20% darker color. If you saturate the color by 10%, you get **31.6681, 19.2655, 15.7810**, and if you desaturate by 10%, it is **37.2321, 27.2857, 27.2167**.

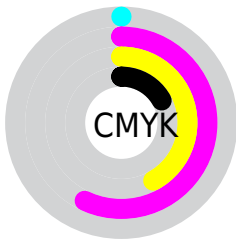
Distribution



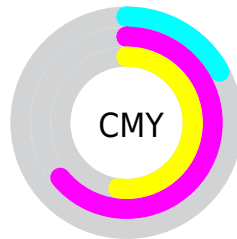
- Red (83%)
- Green (36%)
- Blue (48%)



- Red (83%)
- Yellow (36%)
- Blue (48%)



- Cyan (0%)
- Magenta (57%)
- Yellow (42%)
- Black (17%)





- Cyan (17%)
- Magenta (64%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1179, 22.7362, 21.0027 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 34.1179, 22.7362, 21.0027 by changing the saturation by 10% instead.


 34.1179, 22.7362,
21.0027


 34.1179, 22.7362,
21.0027


312.2341,
266.3672, 270.0744


 23.1475, 14.3988,
12.9347

 65.4600, 47.9598,
45.9729


 14.8238, 8.3986,
7.2534


 86.5625, 65.6148,
63.7121

 8.7813, 4.3510,
3.5402


 111.7730, 87.1446,
85.5123

 4.6548, 1.8718,
1.3767

 141.4570,
112.9333, 111.7918

 2.0788, 0.5313,
0.1234

175.9797,
143.3656, 142.9692

 0.6777, 0.0000,
0.0000

215.7066,

 0.0000, 0.0000,

178.8257, 179.4631

0.0000

261.0029,
219.6981, 221.6919

■ 34.1179, 22.7362,
21.0027

■ 34.1179, 22.7362,
21.0027

■ 31.6681, 19.2655,
15.7810

■ 37.2321, 27.2857,
27.2167

■ 29.8296, 16.7796,
11.4966

■ 41.0545, 32.9905,
34.4713

■ 28.5440, 15.1742,
8.0902

■ 45.6270, 39.9243,
42.8131

■ 27.7355, 14.3122,
5.4931

■ 50.9881, 48.1534,
52.2853

■ 27.5416, 14.1199,
4.8258

■ 57.1730, 57.7397,
62.9287

■ 64.2153, 68.7408,
74.7820

■ 72.1464, 81.2111,
87.8822

■ 79.4433, 92.0966,
101.7471

■ 80.6739, 92.5889,
108.2272

Harmonies

Analogous

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



33.1289, 22.7362, 38.5751



34.1179, 22.7362, 21.0027



31.3240, 22.7362, 10.3728

Triad

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



34.1179, 22.7362, 21.0027



15.7179, 22.7362, 7.4687



17.7359, 22.7362, 65.4341

Complementary

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



34.1179, 22.7362, 21.0027



35.8481, 52.1085, 51.3519

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.



14.1459, 22.7362, 48.5495



34.1179, 22.7362, 21.0027



13.1287, 22.7362, 14.7076

Square

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



34.1179, 22.7362, 21.0027



20.2564, 22.7362, 5.0574



12.6074, 22.7362, 28.9314



23.0227, 22.7362, 69.5503

Rectangle

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



34.1179, 22.7362, 21.0027



27.9352, 22.7362, 6.8251



12.6074, 22.7362, 28.9314



16.3199, 22.7362, 60.7946

Sweetspot

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



34.1185, 22.7374, 21.0031



77.9948, 73.4916, 79.7786



34.0904, 21.7704, 64.0332



16.3165, 15.1485, 16.4156



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.



34.1185, 22.7374, 21.0031



48.0182, 28.7508, 22.8890



35.3500, 27.7992, 13.4018



11.9323, 11.8576, 12.9192



16.6571, 8.5357, 3.1007



0.9643, 0.4904, 0.3466

Inverse Universe

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



34.1185, 22.7374, 21.0031



48.0182, 28.7508, 22.8890



33.0067, 40.7952, 67.7625



11.9323, 11.8576, 12.9192



16.6571, 8.5357, 3.1007



0.9643, 0.4904, 0.3466

Previews

White Background



This preview shows how the XYZ color 34.1179, 22.7362, 21.0027 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 34.1179, 22.7362, 21.0027 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 34.1179, 22.7362, 21.0027

Background



This preview shows how black text looks on a background with the XYZ color 34.1179, 22.7362, 21.0027.

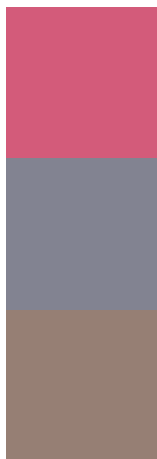


This preview shows how white text looks on a background with the XYZ color 34.1179, 22.7362,

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

34.1179, 22.7362, 21.0027

Protanopia

22.4331, 23.0228, 30.0496

Deuteranopia

23.3194, 22.9237, 19.7187



Tritanopia

32.7357, 22.6793, 14.9641

Trichromacy



Original Color

34.1179, 22.7362, 21.0027

Protanomaly

25.0588, 21.6679, 26.5285

Deuteranomaly

26.3006, 22.1133, 20.0216

Tritanomaly

33.3414, 22.8112, 17.1137

Monochromacy



Original Color

34.1179, 22.7362, 21.0027

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

24.3742, 21.3940, 22.9235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1179, 22.7362, 21.0027 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, 91, 122)` looks like.

```
.text, #text, p{  
    color:rgb(211, 91, 122)  
}
```

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, 91, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 91, 122) }
```

Border

The CSS property to change the border of an element to XYZ 34.1179, 22.7362, 21.0027 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, 91, 122) }
```


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

```
.border{ border-color:rgb(211, 91, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 91, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 91, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 91, 122);  
box-shadow:4px 4px 4px 4px rgb(211, 91,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1179, 22.7362, 21.0027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 91, 122) }
```

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

```
.background{ background-color: rgb(211, 91,  
122) }
```

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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