

Converting Colors

XYZ(35.2016, 24.7437, 20.9491)

Have a look what the booklet for
XYZ(35.2016, 24.7437, 20.9491)
contains.

| | |
|--|----|
| XYZ(35.3539, 24.8803, 21.0282) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(35.3539, 24.8803,
21.0282)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D46679 |
| RGB | 212, 102, 121 |
| RGB Percent | 83%, 40%, 47% |
| CMY | 0.1686, 0.6000, 0.5255 |
| CMYK | 0.00, 0.52, 0.43, 0.17 |
| HSL | 350°, 56%, 62% |
| HSV | 350°, 52%, 83% |
| XYZ | 35.3539, 24.8803, 21.0282 |
| YIQ | 137.0560, 59.4610, 29.2290 |

Conversions

Conversions Part 2

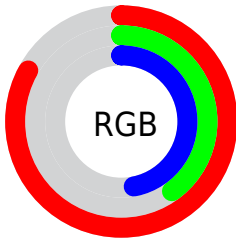
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 212, 102, 121 |
| Decimal | 13919865 |
| CIE _{Lab} | 56.96, 45.11, 10.19 |
| CIE _{LCh} | 57, 46.245, 12.724 |
| Yxy | 24.8803, 0.4351, 0.3062 |
| Android (android.graphics.Color) | 4292109945 (0xFFD46679) |
| YUV | 137.0560, -7.9156, 65.7259 |
| Hunter-Lab | 49.8802, 39.2264, 9.9210 |

Details

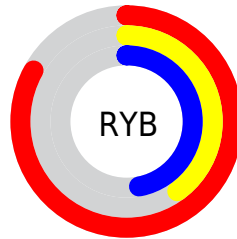
The XYZ color **35.3539, 24.8803, 21.0282** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.6499, 53.7625, 58.7956**, and the grayscale version is **23.8131, 25.0532, 27.2830**.

A 20% lighter version of the original color is **60.6713, 48.0541, 45.6128**, and **15.6273, 9.5477, 7.3226** is the 20% darker color. If you saturate the color by 10%, you get **32.5508, 20.8418, 15.2611**, and if you desaturate by 10%, it is **38.8866, 30.0650, 28.0038**.

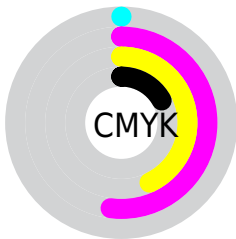
Distribution



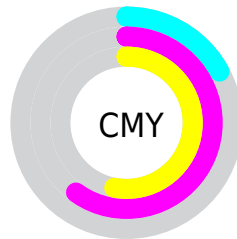
- Red (83%)
- Green (40%)
- Blue (47%)



- Red (83%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (52%)
- Yellow (43%)
- Black (17%)





- Cyan (17%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3539, 24.8803, 21.0282 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 35.3539, 24.8803, 21.0282 by changing the saturation by 10% instead.


 35.3539, 24.8803,
21.0282


 35.3539, 24.8803,
21.0282


317.6084,
277.2413, 270.2143


 24.1034, 15.9879,
12.9532


 67.3641, 51.4630,
46.0159


 15.5355, 9.5156,
7.2660


 88.8545, 69.9220,
63.7656

 9.2848, 5.0790,
3.5480


 114.4889, 92.3388,
85.5773

 4.9860, 2.2937,
1.3808

 144.6326,
119.0975, 111.8695

 2.2737, 0.7704,
0.1267

179.6511,
150.5828, 143.0607

 0.7812, 0.0000,
0.0000

219.9096,

 0.0000, 0.0000,

187.1789, 179.5696

0.0000

265.7736,
229.2703, 221.8146

■ 35.3539, 24.8803,
21.0282

■ 35.3539, 24.8803,
21.0282

■ 32.5508, 20.8418,
15.2611

■ 38.8866, 30.0650,
28.0038

■ 30.4232, 17.8583,
10.6313

■ 43.1937, 36.4700,
36.2504

■ 28.9126, 15.8314,
7.0623

■ 48.3189, 44.1678,
45.8280

■ 27.9490, 14.6420,
4.4671

■ 54.3019, 53.2242,
56.7922

■ 27.4791, 14.1281,
2.9969

■ 61.1798, 63.7004,
69.1955

■ 68.9876, 75.6540,
83.0876

■ 77.7583, 89.1392,
98.5158

■ 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



35.0742, 24.8803, 36.9676



35.3539, 24.8803, 21.0282



32.1699, 24.8803, 11.4550

Triad

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



35.3539, 24.8803, 21.0282



17.2525, 24.8803, 10.5353



20.6831, 24.8803, 66.8080

Complementary

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



35.3539, 24.8803, 21.0282



38.6499, 53.7625, 58.7956

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.



16.7820, 24.8803, 52.8383



35.3539, 24.8803, 21.0282



15.0194, 24.8803, 19.1508

Square

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



35.3539, 24.8803, 21.0282



21.4238, 24.8803, 7.1481



14.8615, 24.8803, 34.2183



26.0210, 24.8803, 67.9356

Rectangle

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



35.3539, 24.8803, 21.0282



28.7585, 24.8803, 8.2667



14.8615, 24.8803, 34.2183



19.1819, 24.8803, 63.2688

Sweetspot

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



35.3546, 24.8816, 21.0287



78.4211, 74.6880, 78.8612



38.3320, 25.4424, 65.1776



16.3827, 15.3770, 16.1413



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.



35.3546, 24.8816, 21.0287



49.1563, 31.2513, 22.5768



38.4725, 32.8017, 16.8758



12.5099, 12.4555, 13.3594



16.9900, 8.7323, 1.9853



1.0520, 0.5376, 0.2633

Inverse Universe

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



35.3546, 24.8816, 21.0287



49.1563, 31.2513, 22.5768



33.1194, 39.0896, 68.0865



12.5099, 12.4555, 13.3594



16.9900, 8.7323, 1.9853



1.0520, 0.5376, 0.2633

Previews

White Background



This preview shows how the XYZ color 35.3539, 24.8803, 21.0282 looks on a white background.

Color Contrast Check

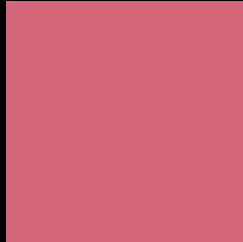
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3539, 24.8803, 21.0282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

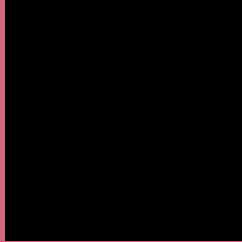
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3539, 24.8803, 21.0282

Background



This preview shows how black text looks on a background with the XYZ color 35.3539, 24.8803, 21.0282.

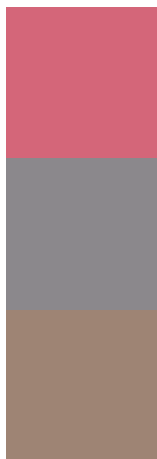


This preview shows how white text looks on a background with the XYZ color 35.3539, 24.8803,

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

35.3539, 24.8803, 21.0282

Protanopia

24.1852, 24.9907, 28.3599

Deuteranopia

25.5042, 25.0326, 20.0106



Tritanopia

34.6835, 24.8972, 18.0165

Trichromacy



Original Color

35.3539, 24.8803, 21.0282

Protanomaly

27.1672, 24.2157, 25.4325

Deuteranomaly

28.4675, 24.4477, 20.3580

Tritanomaly

34.8087, 24.7872, 19.1694

Monochromacy



Original Color

35.3539, 24.8803, 21.0282

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.6142, 23.9465, 24.6921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3539, 24.8803, 21.0282 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(212, 102, 121)` looks like.

```
.text, #text, p{  
    color:rgb(212, 102, 121)  
}
```

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(212, 102, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 102, 121) }
```

Border

The CSS property to change the border of an element to XYZ 35.3539, 24.8803, 21.0282 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(212, 102, 121) }
```


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

```
.border{ border-color:rgb(212, 102, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 102, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 102, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 102, 121);  
box-shadow:4px 4px 4px 4px rgb(212, 102,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3539, 24.8803, 21.0282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 102, 121) }
```

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

```
.background{ background-color: rgb(212,  
102, 121) }
```

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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