

Converting Colors

XYZ(35.1910, 25.5272, 22.1415)

Have a look what the booklet for
XYZ(35.1910, 25.5272, 22.1415)
contains.

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Color

**XYZ(35.1903, 25.5259,
22.1410)**

Conversions

Conversions Part 1

Format	Color
Hex	D16B7C
RGB	209, 107, 124
RGB Percent	82%, 42%, 49%
CMY	0.1804, 0.5804, 0.5137
CMYK	0.00, 0.49, 0.41, 0.18
HSL	350°, 53%, 62%
HSV	350°, 49%, 82%
XYZ	35.1903, 25.5259, 22.1410
YIQ	139.4360, 55.3350, 26.9110

Conversions

Conversions Part 2

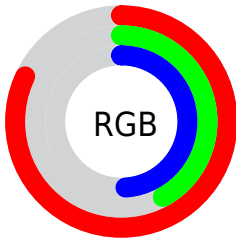
Format	Color
R _Y B	209, 107, 124
Decimal	13724540
CIE Lab	57.58, 41.86, 9.26
CIE LCh	58, 42.869, 12.475
Yxy	25.5259, 0.4247, 0.3081
Android (android.graphics.Color)	4291914620 (0xFFD16B7C)
YUV	139.4360, -7.6099, 61.0076
Hunter-Lab	50.5232, 35.9130, 9.3833

Details

The XYZ color **35.1903, 25.5259, 22.1410** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.3796, 52.5332, 57.9894**, and the grayscale version is **24.7230, 26.0105, 28.3254**.

A 20% lighter version of the original color is **61.8213, 49.8843, 47.4446**, and **15.3987, 9.8197, 7.7404** is the 20% darker color. If you saturate the color by 10%, you get **32.2627, 21.2806, 16.2023**, and if you desaturate by 10%, it is **38.8403, 30.9047, 29.2809**.

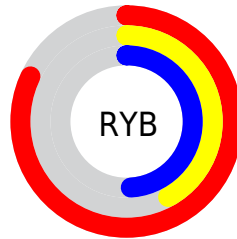
Distribution



Red (82%)

Green (42%)

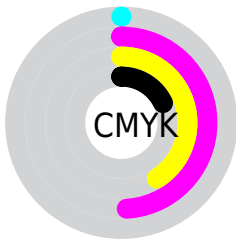
Blue (49%)



Red (82%)

Yellow (42%)

Blue (49%)

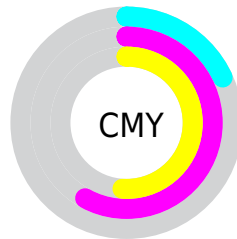


Cyan (0%)

Magenta (49%)

Yellow (41%)

Black (18%)



Cyan (18%)


Magenta (58%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1903, 25.5259, 22.1410 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 35.1903, 25.5259, 22.1410 by changing the saturation by 10% instead.

 35.1903, 25.5259,
22.1410


 35.1903, 25.5259,
22.1410


316.9008,
280.4469, 276.2592


 23.9767, 16.4693,
13.7612


 67.1125, 52.5091,
47.8841


 15.4410, 9.8568,
7.8179


 88.5519, 71.2045,
66.0845

 9.2178, 5.3041,
3.8926


 114.1306, 93.8816,
88.3956

 4.9418, 2.4268,
1.5666

 144.2139,
120.9249, 115.2358

 2.2475, 0.8396,
0.2668

179.1672,
152.7186, 147.0237

 0.7676, 0.0000,
0.0000

219.3559,

 0.0000, 0.0000,

189.6473, 184.1779

0.0000

265.1453,
232.0953, 227.1169

■ 35.1903, 25.5259,
22.1410

■ 35.1903, 25.5259,
22.1410

■ 32.2627, 21.2806,
16.2023

■ 38.8403, 30.9047,
29.2809

■ 30.0068, 18.0837,
11.3966

■ 43.2551, 37.4864,
37.6820

■ 28.3681, 15.8442,
7.6509


■ 48.4758, 45.3393,
47.4022


■ 27.2827, 14.4538,
4.8828


■ 54.5402, 54.5256,
58.4953


■ 26.6543, 13.7427,
2.9909

■ 61.4837, 65.1033,
71.0118

 26.5953, 13.6756,
2.8144

 69.3395, 77.1270,
85.0000

 78.1393, 90.6484,
100.5058

 80.1045, 92.2953,
108.2006

Harmonies

Analogous

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



34.9036, 25.5259, 37.1700



35.1903, 25.5259, 22.1410



32.2650, 25.5259, 12.7792

Triad

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



35.1903, 25.5259, 22.1410



18.2065, 25.5259, 11.7616



21.4181, 25.5259, 64.2462

Complementary

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



35.1903, 25.5259, 22.1410



38.3796, 52.5332, 57.9894

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.



17.7049, 25.5259, 51.4893



35.1903, 25.5259, 22.1410



16.0378, 25.5259, 20.1433

Square

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



35.1903, 25.5259, 22.1410



22.1981, 25.5259, 8.3621



15.8681, 25.5259, 34.3341



26.4492, 25.5259, 65.3762

Rectangle

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



35.1903, 25.5259, 22.1410



29.0979, 25.5259, 9.5474



15.8681, 25.5259, 34.3341



19.9933, 25.5259, 61.0128

Sweetspot

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



35.1910, 25.5272, 22.1415



79.3244, 76.0913, 80.4055



38.5055, 26.3267, 63.3738



16.5596, 15.6529, 16.4405



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.



35.1910, 25.5272, 22.1415



50.2496, 32.8732, 24.6819



38.4741, 33.6679, 18.3823



11.8880, 11.8399, 12.6858



16.4225, 8.4418, 1.8652



0.9437, 0.4822, 0.2386

Inverse Universe

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



35.1910, 25.5272, 22.1415



50.2496, 32.8732, 24.6819



32.9031, 38.3904, 65.9976



11.8880, 11.8399, 12.6858



16.4225, 8.4418, 1.8652



0.9437, 0.4822, 0.2386

Previews

White Background



This preview shows how the XYZ color 35.1903, 25.5259, 22.1410 looks on a white background.

Color Contrast Check

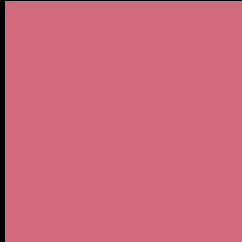
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1903, 25.5259, 22.1410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

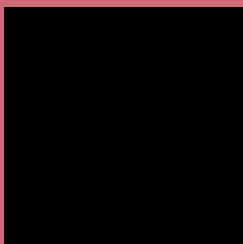
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1903, 25.5259, 22.1410

Background



This preview shows how black text looks on a background with the XYZ color 35.1903, 25.5259, 22.1410.



This preview shows how white text looks on a background with the XYZ color 35.1903, 25.5259,

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

35.1903, 25.5259, 22.1410

Protanopia

24.8807, 25.7628, 28.8607

Deuteranopia

26.2133, 25.7772, 21.3632



Tritanopia

34.5274, 25.3960, 19.6051

Trichromacy



Original Color

35.1903, 25.5259, 22.1410

Protanomaly

27.6884, 25.0350, 26.2946

Deuteranomaly

28.7903, 25.1429, 21.4248

Tritanomaly

34.7048, 25.4669, 20.5392

Monochromacy



Original Color

35.1903, 25.5259, 22.1410

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.2023, 24.7925, 25.9060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1903, 25.5259, 22.1410 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(209, 107, 124)` looks like.

```
.text, #text, p{  
    color:rgb(209, 107, 124)  
}
```

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(209, 107, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 107, 124) }
```

Border

The CSS property to change the border of an element to XYZ 35.1903, 25.5259, 22.1410 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(209, 107, 124) }
```


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

```
.border{ border-color:rgb(209, 107, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 107, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 107, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 107, 124);  
box-shadow:4px 4px 4px 4px rgb(209, 107,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1903, 25.5259, 22.1410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 107, 124) }
```

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

```
.background{ background-color: rgb(209,  
107, 124) }
```

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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