

Converting Colors

XYZ(33.6080, 22.8057, 19.3324)

Have a look what the booklet for
XYZ(33.6080, 22.8057, 19.3324)
contains.

XYZ(33.7036, 22.8147, 19.4569)	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(33.7036, 22.8147,
19.4569)**

Conversions

Conversions Part 1

Format	Color
Hex	D25D75
RGB	210, 93, 117
RGB Percent	82%, 36%, 46%
CMY	0.1765, 0.6353, 0.5412
CMYK	0.00, 0.56, 0.44, 0.18
HSL	348°, 57%, 59%
HSV	348°, 56%, 82%
XYZ	33.7036, 22.8147, 19.4569
YIQ	130.7190, 62.0280, 32.2680

Conversions

Conversions Part 2

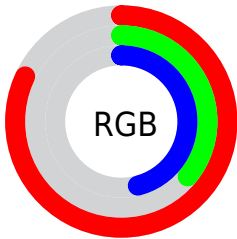
Format	Color
R _Y B	210, 93, 117
Decimal	13786485
CIE Lab	54.88, 48.38, 9.56
CIE LCh	55, 49.315, 11.175
Yxy	22.8147, 0.4436, 0.3003
Android (android.graphics.Color)	4291976565 (0xFFD25D75)
YUV	130.7190, -6.7635, 69.5294
Hunter-Lab	47.7647, 42.3643, 9.2836

Details

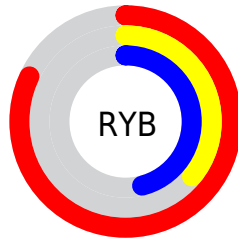
The XYZ color **33.7036, 22.8147, 19.4569** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **36.4251, 51.9661, 54.5685**, and the grayscale version is **21.4819, 22.6006, 24.6120**.

A 20% lighter version of the original color is **58.8352, 44.9920, 43.1195**, and **14.5298, 8.3952, 6.4849** is the 20% darker color. If you saturate the color by 10%, you get **31.2113, 19.2633, 14.2079**, and if you desaturate by 10%, it is **36.8782, 27.4505, 25.7972**.

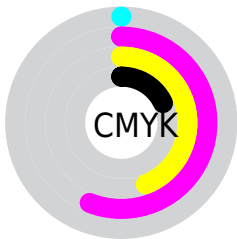
Distribution



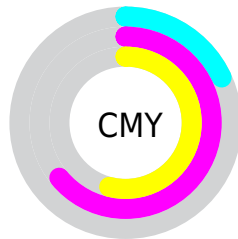
- Red (82%)
- Green (36%)
- Blue (46%)



- Red (82%)
- Yellow (36%)
- Blue (46%)



- Cyan (0%)
- Magenta (56%)
- Yellow (44%)
- Black (18%)





- Cyan (18%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.7036, 22.8147, 19.4569 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 33.7036, 22.8147, 19.4569 by changing the saturation by 10% instead.

 33.7036, 22.8147,
19.4569


 33.7036, 22.8147,
19.4569


310.4176,
266.7718, 261.4659

 22.8278, 14.4567,
11.8207


 64.8198, 48.0889,
43.3517


 14.5864, 8.4390,
6.5007


 85.7910, 65.7739,
60.4474

 8.6141, 4.3771,
3.0782


 110.8579, 87.3367,
81.5333

 4.5454, 1.8867,
1.1347

 140.3861,
113.1618, 107.0281

 2.0151, 0.5404,
0.0000

174.7408,
143.6334, 137.3502

 0.6424, 0.0000,
0.0000

214.2874,

 0.0000, 0.0000,

179.1360, 172.9181

0.0000

259.3912,
220.0540, 214.1505

■ 33.7036, 22.8147,
19.4569

■ 33.7036, 22.8147,
19.4569

■ 31.2113, 19.2633,
14.2079

■ 36.8782, 27.4505,
25.7972

■ 29.3476, 16.7039,
9.9859

■ 40.7795, 33.2460,
33.2856

■ 28.0535, 15.0348,
6.7212

■ 45.4504, 40.2738,
41.9762

■ 27.2567, 14.1294,
4.3341

■ 50.9298, 48.5998,
51.9193

■ 27.0156, 13.8765,
3.5466

■ 57.2539, 58.2849,
63.1623

■ 64.4568, 69.3863,
75.7502

■ 72.5706, 81.9579,
89.7257

■ 79.6794, 92.1581,
104.4807

■ 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



33.2194, 22.8147, 35.8636



33.7036, 22.8147, 19.4569



30.5877, 22.8147, 9.8366

Triad

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



33.7036, 22.8147, 19.4569



15.4801, 22.8147, 8.3847



18.4698, 22.8147, 65.5618

Complementary

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



33.7036, 22.8147, 19.4569



36.4251, 51.9661, 54.5685

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.



14.7023, 22.8147, 50.3661



33.7036, 22.8147, 19.4569



13.1869, 22.8147, 16.3462

Square

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



33.7036, 22.8147, 19.4569



19.7126, 22.8147, 5.4769



12.9283, 22.8147, 31.1374



23.7841, 22.8147, 67.5651

Rectangle

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



33.7036, 22.8147, 19.4569



27.1516, 22.8147, 6.7113



12.9283, 22.8147, 31.1374



17.0057, 22.8147, 61.6004

Sweetspot

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



33.7042, 22.8159, 19.4573



77.6861, 73.3682, 78.1530



35.4714, 22.7540, 63.4951



16.2444, 15.1196, 16.0356



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.



33.7042, 22.8159, 19.4573



47.7631, 28.9604, 20.5849



36.0351, 29.4534, 14.1433



11.9065, 11.8473, 12.7834



16.5086, 8.4763, 2.3187



0.9523, 0.4857, 0.2838

Inverse Universe

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



33.7042, 22.8159, 19.4573



47.7631, 28.9604, 20.5849



31.8406, 38.3665, 66.7000



11.9065, 11.8473, 12.7834



16.5086, 8.4763, 2.3187



0.9523, 0.4857, 0.2838

Previews

White Background



This preview shows how the XYZ color 33.7036, 22.8147, 19.4569 looks on a white background.

Color Contrast Check

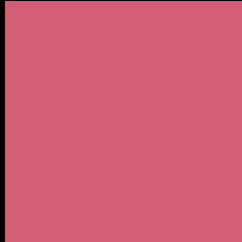
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.7036, 22.8147, 19.4569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

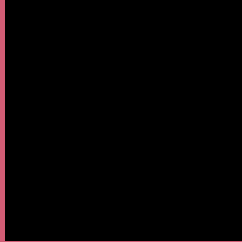
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.7036, 22.8147, 19.4569

Background



This preview shows how black text looks on a background with the XYZ color 33.7036, 22.8147, 19.4569.

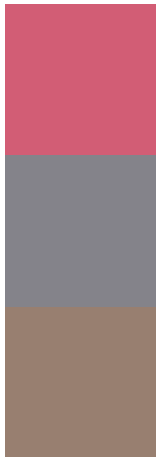


This preview shows how white text looks on a background with the XYZ color 33.7036, 22.8147,

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

33.7036, 22.8147, 19.4569

Protanopia

22.2195, 22.9731, 27.3079

Deuteranopia

23.4629, 23.0240, 18.5367



Tritanopia

32.8756, 22.8804, 15.2540

Trichromacy



Original Color

33.7036, 22.8147, 19.4569

Protanomaly

24.8878, 21.8079, 24.0167

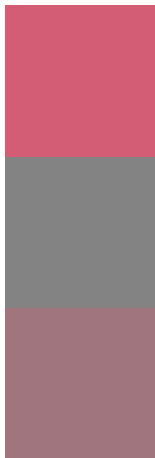
Deuteranomaly

26.4016, 22.3606, 18.8441

Tritanomaly

33.0405, 22.8013, 16.5696

Monochromacy



Original Color

33.7036, 22.8147, 19.4569

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.6244, 21.7025, 22.6298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7036, 22.8147, 19.4569 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(210, 93, 117)` looks like.

```
.text, #text, p{  
  color:rgb(210, 93, 117)  
}
```

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(210, 93, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 93, 117) }
```

Border

The CSS property to change the border of an element to XYZ 33.7036, 22.8147, 19.4569 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(210, 93, 117) }
```


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

```
.border{ border-color:rgb(210, 93, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 93, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 93, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 93, 117);  
box-shadow:4px 4px 4px 4px rgb(210, 93,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7036, 22.8147, 19.4569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 93, 117) }
```

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

```
.background{ background-color: rgb(210, 93,  
117) }
```

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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