

Converting Colors

XYZ(33.8521, 22.9075, 18.7473)

Have a look what the booklet for
XYZ(33.8521, 22.9075, 18.7473)
contains.

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Color

**XYZ(33.8728, 22.9154,
18.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	D35D73
RGB	211, 93, 115
RGB Percent	83%, 36%, 45%
CMY	0.1726, 0.6353, 0.5490
CMYK	0.00, 0.56, 0.45, 0.17
HSL	349°, 57%, 60%
HSV	349°, 56%, 83%
XYZ	33.8728, 22.9154, 18.8575
YIQ	130.7900, 63.2660, 31.8580

Conversions

Conversions Part 2

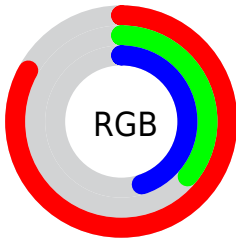
Format	Color
R_{YB}	211, 93, 115
Decimal	13852019
CIE _{Lab}	54.99, 48.52, 10.91
CIE _{LCh}	55, 49.733, 12.667
Yxy	22.9154, 0.4478, 0.3029
Android (android.graphics.Color)	4292042099 (0xFFD35D73)
YUV	130.7900, -7.7845, 70.3442
Hunter-Lab	47.8700, 42.5339, 10.1528

Details

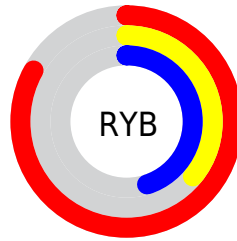
The XYZ color **33.8728, 22.9154, 18.8575** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **36.9951, 52.5903, 56.3486**, and the grayscale version is **21.5104, 22.6306, 24.6447**.

A 20% lighter version of the original color is **58.6488, 44.9175, 42.1380**, and **14.6551, 8.4669, 6.1720** is the 20% darker color. If you saturate the color by 10%, you get **31.3720, 19.3503, 13.5957**, and if you desaturate by 10%, it is **37.0696, 27.5782, 25.2594**.

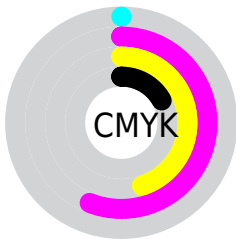
Distribution



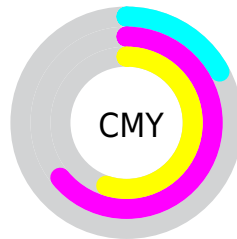
- Red (83%)
- Green (36%)
- Blue (45%)



- Red (83%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (56%)
- Yellow (45%)
- Black (17%)



- Cyan (17%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.8728, 22.9154, 18.8575 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 33.8728, 22.9154, 18.8575 by changing the saturation by 10% instead.

■ 33.8728, 22.9154,
18.8575

■ 33.8728, 22.9154,
18.8575

311.1604,
267.2902, 258.0574

■ 22.9583, 14.5311,
11.3916

■ 65.0814, 48.2544,
42.3267

■ 14.6833, 8.4909,
6.2134

■ 86.1063, 65.9778,
59.1670

■ 8.6823, 4.4107,
2.9044

■ 111.2320, 87.5830,
79.9692

■ 4.5900, 1.9058,
1.0460

■ 140.8238,
113.4545, 105.1518

■ 2.0410, 0.5519,
0.0000

175.2473,
143.9765, 135.1334

■ 0.6568, 0.0000,
0.0000

214.8676,

■ 0.0000, 0.0000,

179.5335, 170.3325

0.0000

260.0502,
220.5100, 211.1677

■ 33.8728, 22.9154,
18.8575

■ 33.8728, 22.9154,
18.8575

■ 31.3720, 19.3503,
13.5957

■ 37.0696, 27.5782,
25.2594

■ 29.5120, 16.7888,
9.4043

■ 41.0083, 33.4153,
32.8625

■ 28.2320, 15.1271,
6.2080

■ 45.7330, 40.5006,
41.7251

■ 27.4570, 14.2356,
3.9199

■ 51.2835, 48.9010,
51.9014

■ 27.2356, 13.9975,
3.2146

■ 57.6973, 58.6785,
63.4421

■ 65.0092, 69.8912,
76.3954

■ 73.2524, 82.5940,
90.8072

■ 80.2479, 92.4185,
105.9843

■ 80.6739, 92.5888,
108.2272

Harmonies

Analogous

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



33.5733, 22.9154, 35.1540



33.8728, 22.9154, 18.8575



30.5604, 22.9154, 9.4923

Triad

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



33.8728, 22.9154, 18.8575



15.3461, 22.9154, 8.6025



18.7670, 22.9154, 66.7063

Complementary

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



33.8728, 22.9154, 18.8575



36.9951, 52.5903, 56.3486

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.



14.8672, 22.9154, 51.7645



33.8728, 22.9154, 18.8575



13.1337, 22.9154, 16.9420

Square

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



33.8728, 22.9154, 18.8575



19.5334, 22.9154, 5.4852



12.9746, 22.9154, 32.2332



24.1934, 22.9154, 67.9483

Rectangle

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



33.8728, 22.9154, 18.8575



27.0300, 22.9154, 6.5104



12.9746, 22.9154, 32.2332



17.2587, 22.9154, 62.9002

Sweetspot

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



33.8734, 22.9166, 18.8579



77.5787, 73.3252, 77.5874



36.2646, 23.1486, 64.1845



16.2193, 15.1096, 15.9035



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.



33.8734, 22.9166, 18.8579



47.5741, 28.8848, 19.5897



36.6121, 30.1835, 14.2539



11.8975, 11.8437, 12.7359



16.4646, 8.4587, 2.0870



0.9482, 0.4840, 0.2618

Inverse Universe

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



33.8734, 22.9166, 18.8579



47.5741, 28.8848, 19.5897



31.7201, 37.9254, 67.2763



11.8975, 11.8437, 12.7359



16.4646, 8.4587, 2.0870



0.9482, 0.4840, 0.2618

Previews

White Background



This preview shows how the XYZ color 33.8728, 22.9154, 18.8575 looks on a white background.

Color Contrast Check

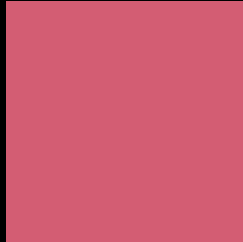
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.8728, 22.9154, 18.8575 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 33.8728, 22.9154, 18.8575

Background



This preview shows how black text looks on a background with the XYZ color 33.8728, 22.9154, 18.8575.



This preview shows how white text looks on a background with the XYZ color 33.8728, 22.9154,

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

33.8728, 22.9154, 18.8575

Protanopia

22.2331, 22.9967, 26.5596

Deuteranopia

23.5407, 23.0768, 17.9654



Tritanopia

33.0688, 22.8454, 15.2370

Trichromacy



Original Color

33.8728, 22.9154, 18.8575

Protanomaly

24.9555, 21.8582, 23.3258

Deuteranomaly

26.5109, 22.4300, 18.2614

Tritanomaly

33.2349, 22.7686, 16.5530

Monochromacy



Original Color

33.8728, 22.9154, 18.8575

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.5602, 21.6768, 22.2916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8728, 22.9154, 18.8575 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, 93, 115)` looks like.

```
.text, #text, p{  
    color:rgb(211, 93, 115)  
}
```

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, 93, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 93, 115) }
```

Border

The CSS property to change the border of an element to XYZ 33.8728, 22.9154, 18.8575 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, 93, 115) }
```


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

```
.border{ border-color:rgb(211, 93, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 93, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 93, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 93, 115);  
box-shadow:4px 4px 4px 4px rgb(211, 93,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8728, 22.9154, 18.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 93, 115) }
```

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

```
.background{ background-color: rgb(211, 93,  
115) }
```

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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