

Converting Colors

XYZ(33.1135, 22.0468, 12.3413)

Have a look what the booklet for
XYZ(33.1135, 22.0468, 12.3413)
contains.

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Color

**XYZ(33.1096, 22.0309,
12.4049)**

Conversions

Conversions Part 1

Format	Color
Hex	D6585B
RGB	214, 88, 91
RGB Percent	84%, 35%, 36%
CMY	0.1608, 0.6549, 0.6431
CMYK	0.00, 0.59, 0.57, 0.16
HSL	359°, 61%, 59%
HSV	359°, 59%, 84%
XYZ	33.1096, 22.0309, 12.4049
YIQ	126.0160, 74.1330, 27.6450

Conversions

Conversions Part 2

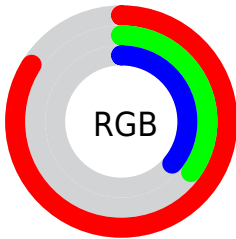
Format	Color
R_{YB}	214, 88, 91
Decimal	14047323
CIE _{Lab}	54.06, 49.83, 23.84
CIE _{LCh}	54, 55.236, 25.565
Yxy	22.0309, 0.4902, 0.3262
Android (android.graphics.Color)	4292237403 (0xFFD6585B)
YUV	126.0160, -17.2629, 77.1620
Hunter-Lab	46.9371, 43.7747, 17.1863

Details

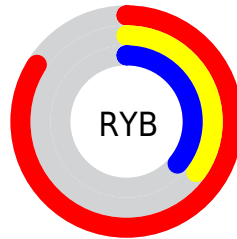
The XYZ color **33.1096, 22.0309, 12.4049** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **39.8303, 54.8714, 70.1240**, and the grayscale version is **19.8767, 20.9118, 22.7729**.

A 20% lighter version of the original color is **55.7207, 42.5291, 30.4714**, and **14.3166, 8.0925, 3.2901** is the 20% darker color. If you saturate the color by 10%, you get **30.8243, 18.7075, 7.7988**, and if you desaturate by 10%, it is **36.1623, 26.4880, 18.5046**.

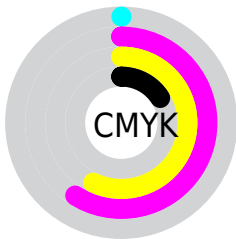
Distribution



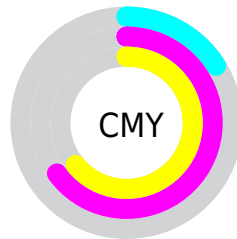
- Red (84%)
- Green (35%)
- Blue (36%)



- Red (84%)
- Yellow (35%)
- Blue (36%)



- Cyan (0%)
- Magenta (59%)
- Yellow (57%)
- Black (16%)



- Cyan (16%)
- Magenta (65%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1096, 22.0309, 12.4049 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 33.1096, 22.0309, 12.4049 by changing the saturation by 10% instead.

■ 33.1096, 22.0309,
12.4049

■ 33.1096, 22.0309,
12.4049

307.7996,
262.7076, 218.1399

■ 22.3701, 13.8796,
6.8942

■ 63.9001, 46.7971,
30.9058

■ 14.2472, 8.0370,
3.3186

■ 84.6818, 64.1807,
44.7330

■ 8.3756, 4.1186,
1.2595

■ 109.5416, 85.4106,
62.1695

■ 4.3901, 1.7401,
0.0283

■ 138.8449,
110.8712, 83.6339

■ 1.9251, 0.4494,
0.0000

172.9570,
140.9467, 109.5445

■ 0.5914, 0.0000,
0.0000

212.2432,

■ 0.0000, 0.0000,

176.0217, 140.3200

0.0000

257.0689,
216.4806, 176.3790

■ 33.1096, 22.0309,
12.4049

■ 33.1096, 22.0309,
12.4049

■ 30.8243, 18.7075,
7.7988

■ 36.1623, 26.4880,
18.5046

■ 29.2367, 16.4123,
4.5569

■ 40.0406, 32.1645,
26.2101

■ 28.2676, 15.0269,
2.5298

■ 44.7991, 39.1422,
35.6244

■ 27.7983, 14.3646,
1.5210

■ 50.4871, 47.4949,
46.8413

■ 27.7593, 14.3072,
1.4445

■ 57.1504, 57.2905,
59.9480

■ 64.8318, 68.5928,
75.0260

■ 73.5713, 81.4615,
92.1520

■ 81.5414, 93.0361,
108.2678

Harmonies

Analogous

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



34.6120, 22.0309, 26.6234



33.1096, 22.0309, 12.4049



28.1324, 22.0309, 5.7961

Triad

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



33.1096, 22.0309, 12.4049



12.8205, 22.0309, 9.7766



20.0638, 22.0309, 74.0286

Complementary

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



33.1096, 22.0309, 12.4049



39.8303, 54.8714, 70.1240

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.



15.0911, 22.0309, 62.6528



33.1096, 22.0309, 12.4049



11.4458, 22.0309, 21.5323

Square

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



33.1096, 22.0309, 12.4049



16.3622, 22.0309, 4.8639



12.1905, 22.0309, 41.1757



26.3000, 22.0309, 67.6035

Rectangle

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



33.1096, 22.0309, 12.4049



23.9366, 22.0309, 4.1487



12.1905, 22.0309, 41.1757



18.2040, 22.0309, 72.0533

Sweetspot

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



33.1101, 22.0321, 12.4053



75.7216, 71.5727, 70.9212



42.1493, 25.5080, 66.3200



15.6375, 14.4821, 14.0573



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.



33.1101, 22.0321, 12.4053



45.0696, 26.7046, 10.0342



39.8964, 35.8073, 14.0429



12.4351, 12.4255, 12.9655



16.7842, 8.6500, 0.9016



1.0166, 0.5234, 0.0770

Inverse Universe

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



33.1101, 22.0321, 12.4053



45.0696, 26.7046, 10.0342



27.9180, 30.4405, 68.0222



12.4351, 12.4255, 12.9655



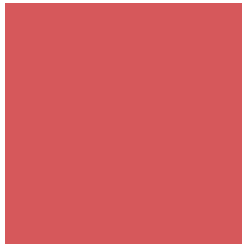
16.7842, 8.6500, 0.9016



1.0166, 0.5234, 0.0770

Previews

White Background



This preview shows how the XYZ color 33.1096, 22.0309, 12.4049 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 33.1096, 22.0309, 12.4049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

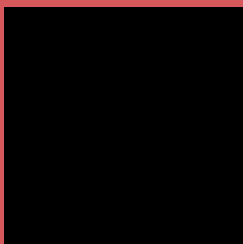
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.1096, 22.0309, 12.4049

Background



This preview shows how black text looks on a background with the XYZ color 33.1096, 22.0309, 12.4049.



This preview shows how white text looks on a background with the XYZ color 33.1096, 22.0309,

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

33.1096, 22.0309, 12.4049

Protanopia

20.9271, 22.1230, 17.6352

Deuteranopia

22.5576, 22.1391, 11.6787



Tritanopia

33.1971, 22.0659, 12.8654

Trichromacy



Original Color

33.1096, 22.0309, 12.4049

Protanomaly

23.9326, 20.9933, 15.3611

Deuteranomaly

25.5362, 21.4041, 11.8023

Tritanomaly

33.1530, 22.0483, 12.6336

Monochromacy



Original Color

33.1096, 22.0309, 12.4049

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

22.8754, 20.0497, 18.2871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1096, 22.0309, 12.4049 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(214, 88, 91)` looks like.

```
.text, #text, p{  
    color:rgb(214, 88, 91)  
}
```

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(214, 88, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 88, 91) }
```

Border

The CSS property to change the border of an element to XYZ 33.1096, 22.0309, 12.4049 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(214, 88, 91) }
```


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

```
.border{ border-color:rgb(214, 88, 91) }
```

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

Here you see how a box with a 4 pixel rgb(214, 88, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 88, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 88, 91);  
box-shadow:4px 4px 4px 4px rgb(214, 88,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1096, 22.0309, 12.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 88, 91) }
```

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

```
.background{ background-color: rgb(214, 88,  
91) }
```

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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