

Converting Colors

XYZ(34.3013, 22.1605, 15.8151)

Have a look what the booklet for
XYZ(34.3013, 22.1605, 15.8151)
contains.

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Color

**XYZ(34.4136, 22.2686,
15.8491)**

Conversions

Conversions Part 1

Format	Color
Hex	D95569
RGB	217, 85, 105
RGB Percent	85%, 33%, 41%
CMY	0.1490, 0.6666, 0.5882
CMYK	0.00, 0.61, 0.52, 0.15
HSL	351°, 63%, 59%
HSV	351°, 61%, 85%
XYZ	34.4136, 22.2686, 15.8491
YIQ	126.7480, 72.2520, 34.2040

Conversions

Conversions Part 2

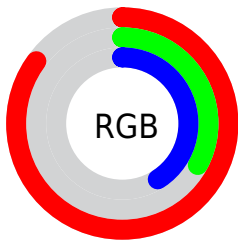
Format	Color
R_{YB}	217, 85, 105
Decimal	14243177
CIE Lab	54.31, 53.31, 16.02
CIE LCh	54, 55.660, 16.726
Yxy	22.2686, 0.4745, 0.3070
Android (android.graphics.Color)	4292433257 (0xFFD95569)
YUV	126.7480, -10.7218, 79.1510
Hunter-Lab	47.1896, 47.5915, 13.1196

Details

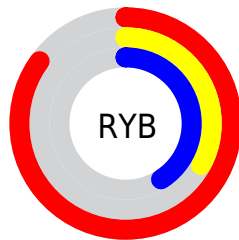
The XYZ color **34.4136, 22.2686, 15.8491** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **38.6386, 55.5888, 61.5206**, and the grayscale version is **20.1055, 21.1525, 23.0351**.

A 20% lighter version of the original color is **56.6188, 42.4165, 36.6555**, and **15.0160, 8.1688, 4.7883** is the 20% darker color. If you saturate the color by 10%, you get **32.1133, 19.0223, 10.9079**, and if you desaturate by 10%, it is **37.4436, 26.6466, 22.0448**.

Distribution



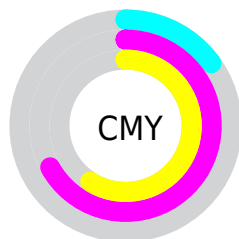
- Red (85%)
- Green (33%)
- Blue (41%)



- Red (85%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (61%)
- Yellow (52%)
- Black (15%)





- Cyan (15%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4136, 22.2686, 15.8491 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 34.4136, 22.2686, 15.8491 by changing the saturation by 10% instead.


 34.4136, 22.2686,
15.8491


 34.4136, 22.2686,
15.8491


313.5259,
263.9458, 240.2649


 23.3759, 14.0544,
9.2642


 65.9164, 47.1895,
37.0992


 14.9935, 8.1585,
4.8148


 87.1122, 64.6651,
52.6015

 8.9011, 4.1965,
2.0822


 112.4247, 85.9965,
71.9133

 4.7333, 1.7841,
0.6051

 142.2193,
111.5682, 95.4533

 2.1248, 0.4772,
0.0000

176.8614,
141.7646, 123.6399

 0.7027, 0.0000,
0.0000

216.7163,

 0.0000, 0.0000,

176.9700, 156.8916

0.0000

262.1493,
217.5690, 195.6271

■ 34.4136, 22.2686,
15.8491

■ 34.4136, 22.2686,
15.8491

■ 32.1133, 19.0223,
10.9079

■ 37.4436, 26.6466,
22.0448

■ 30.4781, 16.7994,
7.1331

■ 41.2572, 32.2444,
29.5724

■ 29.4343, 15.4770,
4.4267

■ 45.9049, 39.1452,
38.5042

■ 28.8879, 14.8608,
2.7751

■ 51.4328, 47.4242,
48.9070

■ 57.8832, 57.1506,
60.8433

■ 65.2959, 68.3893,
74.3721

■ 73.7084, 81.2008,
89.5491

■ 81.9943, 93.3193,
106.0400

■ 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



34.6656, 22.2686, 32.7523



34.4136, 22.2686, 15.8491



30.2083, 22.2686, 7.1531

Triad

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



34.4136, 22.2686, 15.8491



13.7597, 22.2686, 7.8022



18.5993, 22.2686, 73.4430

Complementary

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



34.4136, 22.2686, 15.8491



38.6386, 55.5888, 61.5206

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.



14.1358, 22.2686, 57.5983



34.4136, 22.2686, 15.8491



11.7234, 22.2686, 17.3581

Square

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



34.4136, 22.2686, 15.8491



17.9838, 22.2686, 4.2645



11.8465, 22.2686, 35.1845



24.7023, 22.2686, 72.3584

Rectangle

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



34.4136, 22.2686, 15.8491



26.1161, 22.2686, 4.6873



11.8465, 22.2686, 35.1845



16.8840, 22.2686, 69.6873

Sweetspot

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



34.4142, 22.2698, 15.8495



76.4665, 71.8706, 74.8436



38.2794, 23.1102, 68.0887



15.8151, 14.5531, 14.9921



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.



34.4142, 22.2698, 15.8495



45.5187, 26.3617, 14.0099



38.1061, 31.1095, 12.5922



13.1360, 13.0835, 13.9776



17.5116, 9.0057, 1.8082



1.1603, 0.5938, 0.2531

Inverse Universe

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



34.4142, 22.2698, 15.8495



45.5187, 26.3617, 14.0099



31.2154, 36.8295, 71.1091



13.1360, 13.0835, 13.9776



17.5116, 9.0057, 1.8082



1.1603, 0.5938, 0.2531

Previews

White Background



This preview shows how the XYZ color 34.4136, 22.2686, 15.8491 looks on a white background.

Color Contrast Check

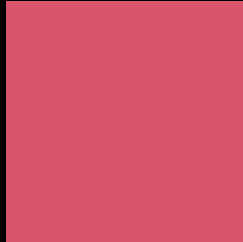
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.4136, 22.2686, 15.8491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

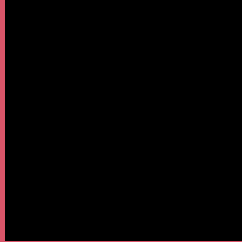
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.4136, 22.2686, 15.8491

Background



This preview shows how black text looks on a background with the XYZ color 34.4136, 22.2686, 15.8491.



This preview shows how white text looks on a background with the XYZ color 34.4136, 22.2686,

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

34.4136, 22.2686, 15.8491

Protanopia

21.4863, 22.4841, 23.2861

Deuteranopia

22.7226, 22.3404, 14.9189



Tritanopia

33.7029, 22.2056, 12.8657

Trichromacy



Original Color

34.4136, 22.2686, 15.8491

Protanomaly

24.6569, 21.2591, 20.2566

Deuteranomaly

25.8294, 21.3216, 15.0660

Tritanomaly

33.8044, 22.1176, 13.7967

Monochromacy



Original Color

34.4136, 22.2686, 15.8491

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

23.6211, 20.3938, 20.1442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4136, 22.2686, 15.8491 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(217, 85, 105)` looks like.

```
.text, #text, p{  
    color:rgb(217, 85, 105)  
}
```

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(217, 85, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 85, 105) }
```

Border

The CSS property to change the border of an element to XYZ 34.4136, 22.2686, 15.8491 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(217, 85, 105) }
```


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

```
.border{ border-color:rgb(217, 85, 105) }
```

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

Here you see how a box with a 4 pixel rgb(217, 85, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 85, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 85, 105);  
box-shadow:4px 4px 4px 4px rgb(217, 85,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4136, 22.2686, 15.8491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 85, 105) }
```

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

```
.background{ background-color: rgb(217, 85,  
105) }
```

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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