

Converting Colors

XYZ(34.2057, 22.7105, 7.2833)

Have a look what the booklet for
XYZ(34.2057, 22.7105, 7.2833)
contains.

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Color

**XYZ(34.2057, 22.7105,
7.2833)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DD583F |
| RGB | 221, 88, 63 |
| RGB Percent | 87%, 35%, 25% |
| CMY | 0.1333, 0.6549, 0.7529 |
| CMYK | 0.00, 0.60, 0.71, 0.13 |
| HSL | 9°, 70%, 56% |
| HSV | 9°, 71%, 87% |
| XYZ | 34.2057, 22.7105, 7.2833 |
| YIQ | 124.9170, 87.2930, 20.4210 |

Conversions

Conversions Part 2

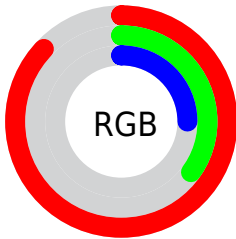
| Format | Color |
|-------------------------------------|--|
| RYB | 221, 93, 63 |
| Decimal | 14506047 |
| CIELab | 54.77, 50.59, 40.84 |
| CIELCh | 55, 65.018, 38.907 |
| Yxy | 22.7105, 0.5328, 0.3537 |
| Android (android.graphics.Color) | 4292696127 (0xFFDD583F) |
| YUV | 124.9170, -30.5251, 84.2648 |
| Hunter-Lab | 47.6555, 44.7247, 24.2975 |

Details

The XYZ color **34.2057, 22.7105, 7.2833** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34.8390, 45.7531, 75.4011**, and the grayscale version is **19.5449, 20.5628, 22.3929**.

A 20% lighter version of the original color is **53.8376, 41.7759, 20.5552**, and **14.8972, 8.3946, 1.4074** is the 20% darker color. If you saturate the color by 10%, you get **32.3703, 19.8379, 4.2117**, and if you desaturate by 10%, it is **36.6794, 26.4639, 11.7901**.

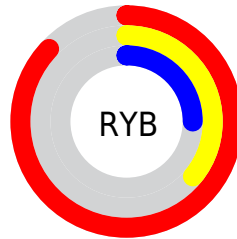
Distribution



Red (87%)

Green (35%)

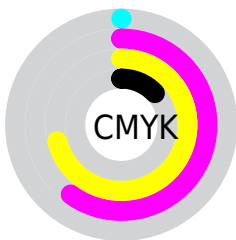
Blue (25%)



Red (87%)

Yellow (36%)

Blue (25%)

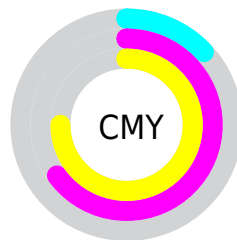


Cyan (0%)

Magenta (60%)

Yellow (71%)

Black (13%)



Cyan (13%)


Magenta (65%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2057, 22.7105, 7.2833 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 34.2057, 22.7105, 7.2833 by changing the saturation by 10% instead.


 34.2057, 22.7105,
7.2833


 34.2057, 22.7105,
7.2833


312.6181,
266.2346, 179.7167

 23.2153, 14.3799,
3.5588


 65.5956, 47.9175,
21.0634


 14.8741, 8.3854,
1.3866


 86.7258, 65.5627,
31.9561


 8.8168, 4.3425,
0.1312


 111.9666, 87.0816,
46.0752

 4.6781, 1.8669,
0.0000

 141.6835,
112.8585, 63.8393

 2.0924, 0.5284,
0.0000

 176.2417,
143.2779, 85.6670

 0.6851, 0.0000,
0.0000

 216.0067,

 0.0000, 0.0000,

178.7241, 111.9767

0.0000

261.3437,
219.5815, 143.1871

■ 34.2057, 22.7105,
7.2833

■ 34.2057, 22.7105,
7.2833

■ 32.3703, 19.8379,
4.2117

■ 36.6794, 26.4639,
11.7901

■ 31.1097, 17.7690,
2.3973


■ 39.8435, 31.1589,
17.8796


■ 30.4190, 16.5729,
1.5956


■ 43.7462, 36.8554,
25.6819


■ 48.4309, 43.6071,
35.3134

■ 53.9375, 51.4638,
46.8802

 60.3034, 60.4723,
60.4803

 67.5633, 70.6765,
76.2051

 75.7504, 82.1181,
94.1404

 83.6286, 94.1120,
108.3655

Harmonies

Analogous

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



38.2939, 22.7105, 19.0987



34.2057, 22.7105, 7.2833



26.9435, 22.7105, 3.1444

Triad

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



34.2057, 22.7105, 7.2833



11.0994, 22.7105, 13.0560



23.7939, 22.7105, 87.9434

Complementary

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



34.2057, 22.7105, 7.2833



34.8390, 45.7531, 75.4011

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.



16.9898, 22.7105, 82.9798



34.2057, 22.7105, 7.2833



10.6197, 22.7105, 31.3669

Square

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



34.2057, 22.7105, 7.2833



14.0258, 22.7105, 4.9598



12.5282, 22.7105, 58.7886



31.4663, 22.7105, 70.0038

Rectangle

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



34.2057, 22.7105, 7.2833



21.8500, 22.7105, 2.5226



12.5282, 22.7105, 58.7886



21.3235, 22.7105, 89.0418

Sweetspot

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



34.2062, 22.7118, 7.2837



74.8639, 71.5548, 65.4020



41.7085, 22.9721, 55.2392



15.5429, 14.6316, 12.9810



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.



34.2062, 22.7118, 7.2837



43.7698, 25.8174, 4.3215



44.2975, 42.8943, 10.6474



13.2217, 13.3827, 13.6118



17.7244, 9.7344, 0.9447



1.2011, 0.7362, 0.0788

Inverse Universe

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



34.8390, 45.7531, 75.4011



44.4363, 58.9281, 103.6400



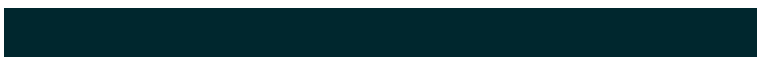
21.6148, 19.3049, 70.9931



13.2602, 14.4602, 16.7443



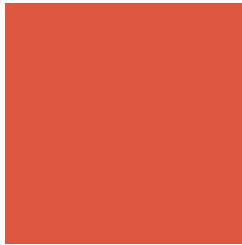
17.8535, 23.5763, 43.3481



1.2048, 1.6236, 2.8243

Previews

White Background



This preview shows how the XYZ color 34.2057, 22.7105, 7.2833 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 34.2057, 22.7105, 7.2833 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 34.2057, 22.7105, 7.2833

Background



This preview shows how black text looks on a background with the XYZ color 34.2057, 22.7105, 7.2833.



This preview shows how white text looks on a background with the XYZ color 34.2057, 22.7105,

7.2833.

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

34.2057, 22.7105, 7.2833

Protanopia

21.1280, 22.9819, 10.5301

Deuteranopia

23.1275, 22.7296, 6.7827



Tritanopia

35.2182, 22.7648, 12.2107

Trichromacy



Original Color

34.2057, 22.7105, 7.2833

Protanomaly

24.4612, 21.7425, 9.2108

Deuteranomaly

26.3251, 22.0842, 6.8782

Tritanomaly

34.9000, 22.7644, 10.1439

Monochromacy



Original Color

34.2057, 22.7105, 7.2833

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

22.6896, 20.0212, 15.2390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2057, 22.7105, 7.2833 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(221, 88, 63)` looks like.

```
.text, #text, p{  
    color:rgb(221, 88, 63)  
}
```

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(221, 88, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 88, 63) }
```

Border

The CSS property to change the border of an element to XYZ 34.2057, 22.7105, 7.2833 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(221, 88, 63) }
```


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

```
.border{ border-color:rgb(221, 88, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 88, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 88, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 88, 63);  
box-shadow:4px 4px 4px 4px rgb(221, 88,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2057, 22.7105, 7.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 88, 63) }
```

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

```
.background{ background-color: rgb(221, 88,  
63) }
```

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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