

Converting Colors

XYZ(34.7070, 22.5250, 11.1128)

Have a look what the booklet for
XYZ(34.7070, 22.5250, 11.1128)
contains.

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Color

**XYZ(34.7070, 22.5250,
11.1128)**

Conversions

Conversions Part 1

Format	Color
Hex	DD5555
RGB	221, 85, 85
RGB Percent	87%, 33%, 33%
CMY	0.1333, 0.6666, 0.6667
CMYK	0.00, 0.62, 0.62, 0.13
HSL	0°, 67%, 60%
HSV	0°, 62%, 87%
XYZ	34.7070, 22.5250, 11.1128
YIQ	125.6640, 81.0560, 28.8320

Conversions

Conversions Part 2

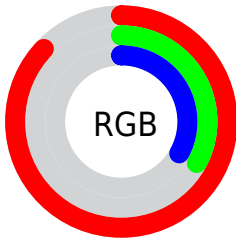
Format	Color
R_{YB}	221, 85, 85
Decimal	14505301
CIE Lab	54.58, 53.16, 28.22
CIE LCh	55, 60.185, 27.966
Yxy	22.5250, 0.5078, 0.3296
Android (android.graphics.Color)	4292695381 (0xFFDD5555)
YUV	125.6640, -20.0474, 83.6097
Hunter-Lab	47.4605, 47.4779, 19.3397

Details

The XYZ color **34.7070, 22.5250, 11.1128** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **42.6518, 58.8605, 77.5196**, and the grayscale version is **19.7646, 20.7939, 22.6446**.

A 20% lighter version of the original color is **54.9913, 41.7654, 28.0848**, and **15.2278, 8.3220, 2.8112** is the 20% darker color. If you saturate the color by 10%, you get **32.4856, 19.2749, 6.6963**, and if you desaturate by 10%, it is **37.7467, 26.9734, 17.1546**.

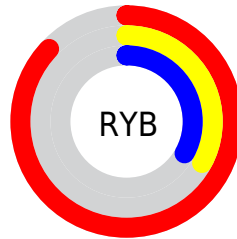
Distribution



Red (87%)

Green (33%)

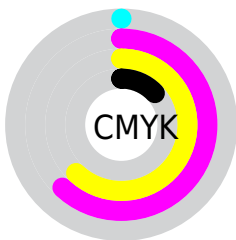
Blue (33%)



Red (87%)

Yellow (33%)

Blue (33%)

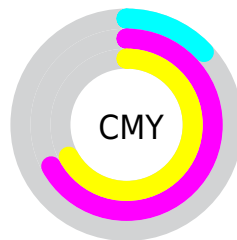


Cyan (0%)

Magenta (62%)

Yellow (62%)

Black (13%)



Cyan (13%)


Magenta (67%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7070, 22.5250, 11.1128 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 34.7070, 22.5250, 11.1128 by changing the saturation by 10% instead.


 34.7070, 22.5250,
11.1128

 34.7070, 22.5250,
11.1128


314.8039,
265.2758, 209.2049


 23.6027, 14.2432,
6.0276


 66.3686, 47.6122,
28.5084


 15.1623, 8.2900,
2.7928


 87.6567, 65.1863,
41.6559


 9.0204, 4.2811,
0.9898


 113.0701, 86.6267,
58.3279

 4.8117, 1.8320,
0.0000

 142.9741,
112.3177, 78.9430

 2.1708, 0.5070,
0.0000

 177.7341,
142.6437, 103.9198

 0.7273, 0.0000,
0.0000

217.7155,

 0.0000, 0.0000,

177.9892, 133.6766

0.0000

263.2837,
218.7384, 168.6322

■ 34.7070, 22.5250,
11.1128

■ 34.7070, 22.5250,
11.1128

■ 32.4856, 19.2749,
6.6963

■ 37.7467, 26.9734,
17.1546

■ 31.0019, 17.1036,
3.7470

■ 41.6718, 32.7172,
24.9575

■ 30.1617, 15.8741,
2.0771

■ 46.5447, 39.8476,
34.6445

■ 29.8188, 15.3724,
1.3955

■ 52.4213, 48.4467,
46.3269

■ 59.3534, 58.5904,
60.1077

■ 67.3893, 70.3490,
76.0828

■ 76.5740, 83.7889,
94.3419

■ 83.6287, 94.1121,
108.3655

Harmonies

Analogous

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



36.7836, 22.5250, 25.8402



34.7070, 22.5250, 11.1128



28.8810, 22.5250, 4.8034

Triad

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



34.7070, 22.5250, 11.1128



12.3433, 22.5250, 9.8447



20.9615, 22.5250, 81.8294

Complementary

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



34.7070, 22.5250, 11.1128



42.6518, 58.8605, 77.5196

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.



15.3521, 22.5250, 70.1167



34.7070, 22.5250, 11.1128



11.0561, 22.5250, 23.2569

Square

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



34.7070, 22.5250, 11.1128



15.9864, 22.5250, 4.3808



12.0335, 22.5250, 45.8549



27.9378, 22.5250, 72.7505

Rectangle

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



34.7070, 22.5250, 11.1128



24.1692, 22.5250, 3.3753



12.0335, 22.5250, 45.8549



18.8680, 22.5250, 80.1073

Sweetspot

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



34.7075, 22.5263, 11.1132



75.5866, 71.5197, 70.2074



46.1183, 27.0896, 71.2045



15.6055, 14.4695, 13.8879



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.



34.7075, 22.5263, 11.1132



44.1986, 25.5897, 7.8105



42.8496, 38.8105, 13.8272



13.0561, 13.0517, 13.5567



17.3223, 8.9301, 0.8107



1.1222, 0.5786, 0.0525

Inverse Universe

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



42.6518, 58.8605, 77.5196



56.0737, 79.9020, 107.0750



28.1887, 29.9343, 72.6985



13.4449, 14.8295, 16.8059



22.6001, 33.0697, 44.9303



1.4642, 2.1425, 2.9108

Previews

White Background



This preview shows how the XYZ color 34.7070, 22.5250, 11.1128 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 34.7070, 22.5250, 11.1128 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 34.7070, 22.5250, 11.1128

Background



This preview shows how black text looks on a background with the XYZ color 34.7070, 22.5250, 11.1128.



This preview shows how white text looks on a background with the XYZ color 34.7070, 22.5250,

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

34.7070, 22.5250, 11.1128

Protanopia

21.2625, 22.7210, 16.3617

Deuteranopia

23.0068, 22.5882, 10.3551



Tritanopia

34.8346, 22.4510, 12.1703

Trichromacy



Original Color

34.7070, 22.5250, 11.1128

Protanomaly

24.5372, 21.3327, 14.1336

Deuteranomaly

26.3525, 21.6910, 10.5824

Tritanomaly

34.7506, 22.4174, 11.7279

Monochromacy



Original Color

34.7070, 22.5250, 11.1128

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

23.2516, 20.0936, 17.6919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7070, 22.5250, 11.1128 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, 85, 85)` looks like.

```
.text, #text, p{  
    color:rgb(221, 85, 85)  
}
```

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, 85, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 85, 85) }
```

Border

The CSS property to change the border of an element to XYZ 34.7070, 22.5250, 11.1128 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, 85, 85) }
```


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

```
.border{ border-color:rgb(221, 85, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 85, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 85, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 85, 85);  
box-shadow:4px 4px 4px 4px rgb(221, 85,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7070, 22.5250, 11.1128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 85, 85) }
```

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

```
.background{ background-color: rgb(221, 85,  
85) }
```

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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