

Converting Colors

XYZ(34.1101, 22.1965, 6.7615)

Have a look what the booklet for
XYZ(34.1101, 22.1965, 6.7615)
contains.

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Color

**XYZ(34.1101, 22.1965,
6.7615)**

Conversions

Conversions Part 1

Format	Color
Hex	DE543C
RGB	222, 84, 60
RGB Percent	87%, 33%, 24%
CMY	0.1294, 0.6706, 0.7647
CMYK	0.00, 0.62, 0.73, 0.13
HSL	9°, 71%, 55%
HSV	9°, 73%, 87%
XYZ	34.1101, 22.1965, 6.7615
YIQ	122.5260, 89.9520, 21.7920

Conversions

Conversions Part 2

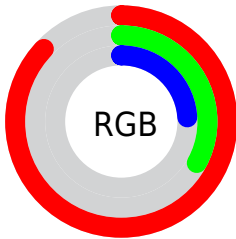
Format	Color
RYB	222, 88, 60
Decimal	14570556
CIELab	54.23, 52.58, 41.89
CIELCh	54, 67.231, 38.546
Yxy	22.1965, 0.5408, 0.3519
Android (android.graphics.Color)	4292760636 (0xFFDE543C)
YUV	122.5260, -30.8253, 87.2387
Hunter-Lab	47.1132, 46.7866, 24.4701

Details

The XYZ color **34.1101, 22.1965, 6.7615** 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 **35.2403, 46.6186, 76.2476**, and the grayscale version is **18.7492, 19.7256, 21.4811**.

A 20% lighter version of the original color is **53.2329, 40.8294, 19.5432**, and **14.9031, 8.1586, 1.2047** is the 20% darker color. If you saturate the color by 10%, you get **32.3666, 19.4601, 3.8672**, and if you desaturate by 10%, it is **36.4968, 25.8261, 11.0841**.

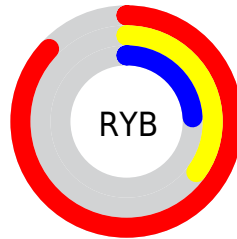
Distribution



Red (87%)

Green (33%)

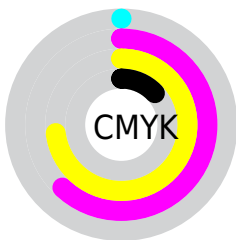
Blue (24%)



Red (87%)

Yellow (35%)

Blue (24%)

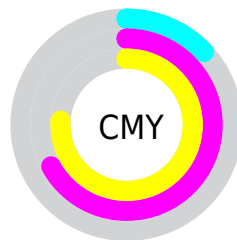


Cyan (0%)

Magenta (62%)

Yellow (73%)

Black (13%)



Cyan (13%)


Magenta (67%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1101, 22.1965, 6.7615 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 34.1101, 22.1965, 6.7615 by changing the saturation by 10% instead.


 34.1101, 22.1965,
6.7615


 34.1101, 22.1965,
6.7615


312.2000,
263.5707, 175.2220


 23.1415, 14.0014,
3.2372


 65.4480, 47.0706,
19.9964


 14.8193, 8.1216,
1.2170


 86.5480, 64.5183,
30.5441


 8.7781, 4.1729,
0.0000


 111.7558, 85.8189,
44.2701

 4.6527, 1.7707,
0.0000

 141.4369,
111.3570, 61.5928

 2.0776, 0.4688,
0.0000

 175.9564,
141.5168, 82.9308

 0.6770, 0.0000,
0.0000

 215.6799,

 0.0000, 0.0000,

176.6827, 108.7026

0.0000

260.9726,
217.2393, 139.3269

■ 34.1101, 22.1965,
6.7615

■ 34.1101, 22.1965,
6.7615

■ 32.3666, 19.4601,
3.8672

■ 36.4968, 25.8261,
11.0841

■ 31.1989, 17.5345,
2.2149


■ 39.5816, 30.4142,
16.9880


■ 30.6650, 16.6116,
1.5901


■ 43.4151, 36.0242,
24.6076


■ 48.0428, 42.7130,
34.0627

■ 53.5064, 50.5332,
45.4621

 59.8447, 59.5342,
58.9065

 67.0941, 69.7621,
74.4892

 75.2888, 81.2608,
92.2981

 83.6786, 93.7588,
108.2947

Harmonies

Analogous

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



38.2727, 22.1965, 18.6662



34.1101, 22.1965, 6.7615



26.6669, 22.1965, 2.7278

Triad

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



34.1101, 22.1965, 6.7615



10.5329, 22.1965, 12.2324



23.2555, 22.1965, 89.8311

Complementary

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



34.1101, 22.1965, 6.7615



35.2403, 46.6186, 76.2476

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.



16.3625, 22.1965, 84.3273



34.1101, 22.1965, 6.7615



10.0266, 22.1965, 30.6573

Square

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



34.1101, 22.1965, 6.7615



13.4946, 22.1965, 4.3770



11.9029, 22.1965, 58.9316



31.1238, 22.1965, 71.3011

Rectangle

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



34.1101, 22.1965, 6.7615



21.4558, 22.1965, 2.1295



11.9029, 22.1965, 58.9316



20.7425, 22.1965, 90.8765

Sweetspot

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



34.1106, 22.1978, 6.7619



73.9019, 70.1083, 63.6092



42.2119, 22.9501, 57.0936



15.3500, 14.3385, 12.6308



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.



34.1106, 22.1978, 6.7619



43.3074, 25.0074, 3.8132



43.9658, 41.9082, 10.0469



13.8703, 14.0267, 14.2832



18.2643, 9.9664, 0.9611



1.3182, 0.7952, 0.0840

Inverse Universe

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



35.2403, 46.6186, 76.2476



44.6564, 59.6118, 103.7603



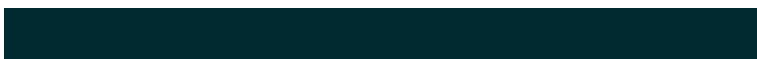
21.6928, 19.5237, 71.7318



13.9344, 15.2080, 17.5887



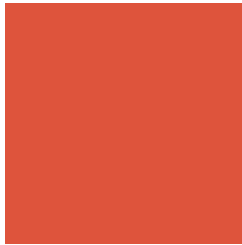
18.7178, 24.9052, 44.8690



1.3451, 1.8217, 3.1260

Previews

White Background



This preview shows how the XYZ color 34.1101, 22.1965, 6.7615 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 34.1101, 22.1965, 6.7615 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 34.1101, 22.1965, 6.7615

Background



This preview shows how black text looks on a background with the XYZ color 34.1101, 22.1965, 6.7615.



This preview shows how white text looks on a background with the XYZ color 34.1101, 22.1965,

6.7615.

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

34.1101, 22.1965, 6.7615

Protanopia

20.5803, 22.3129, 9.8787

Deuteranopia

22.7055, 22.3357, 6.2465



Tritanopia

35.0536, 22.2447, 11.2502

Trichromacy



Original Color

34.1101, 22.1965, 6.7615

Protanomaly

24.0239, 21.0231, 8.5860

Deuteranomaly

25.9017, 21.3940, 6.2543

Tritanomaly

34.7883, 22.2584, 9.4839

Monochromacy



Original Color

34.1101, 22.1965, 6.7615

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

22.0670, 19.2283, 14.6050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1101, 22.1965, 6.7615 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(222, 84, 60)` looks like.

```
.text, #text, p{  
    color:rgb(222, 84, 60)  
}
```

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(222, 84, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 84, 60) }
```

Border

The CSS property to change the border of an element to XYZ 34.1101, 22.1965, 6.7615 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(222, 84, 60) }
```


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

```
.border{ border-color:rgb(222, 84, 60) }
```

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

Here you see how a box with a 4 pixel rgb(222, 84, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 84, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 84, 60);  
box-shadow:4px 4px 4px 4px rgb(222, 84,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1101, 22.1965, 6.7615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 84, 60) }
```

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

```
.background{ background-color: rgb(222, 84,  
60) }
```

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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