

Converting Colors

XYZ(34.2422, 22.3744, 7.0714)

Have a look what the booklet for
XYZ(34.2422, 22.3744, 7.0714)
contains.

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Color

**XYZ(34.2422, 22.3744,
7.0714)**

Conversions

Conversions Part 1

Format	Color
Hex	DE553E
RGB	222, 85, 62
RGB Percent	87%, 33%, 24%
CMY	0.1294, 0.6666, 0.7569
CMYK	0.00, 0.62, 0.72, 0.13
HSL	9°, 71%, 56%
HSV	9°, 72%, 87%
XYZ	34.2422, 22.3744, 7.0714
YIQ	123.3410, 89.0350, 21.8910

Conversions

Conversions Part 2

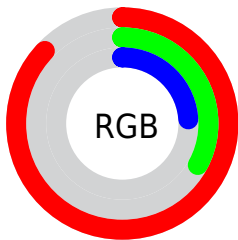
Format	Color
R_{YB}	222, 89, 62
Decimal	14570814
CIE _{Lab}	54.42, 52.23, 41.03
CIE _{LCh}	54, 66.419, 38.147
Yxy	22.3744, 0.5377, 0.3513
Android (android.graphics.Color)	4292760894 (0xFFDE553E)
YUV	123.3410, -30.2411, 86.5239
Hunter-Lab	47.3016, 46.4406, 24.2475

Details

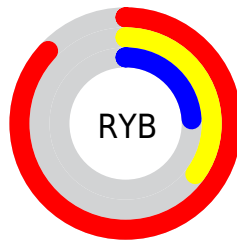
The XYZ color **34.2422, 22.3744, 7.0714** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **35.5930, 47.1412, 76.3300**, and the grayscale version is **19.0167, 20.0070, 21.7877**.

A 20% lighter version of the original color is **53.4873, 41.1639, 20.1653**, and **14.9678, 8.2528, 1.3344** is the 20% darker color. If you saturate the color by 10%, you get **32.4519, 19.5779, 4.0583**, and if you desaturate by 10%, it is **36.6841, 26.0767, 11.5287**.

Distribution



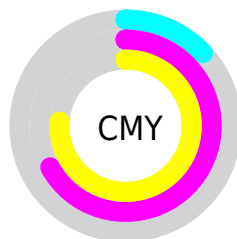
- Red (87%)
- Green (33%)
- Blue (24%)



- Red (87%)
- Yellow (35%)
- Blue (24%)



- Cyan (0%)
- Magenta (62%)
- Yellow (72%)
- Black (13%)





- Cyan (13%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2422, 22.3744, 7.0714 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 34.2422, 22.3744, 7.0714 by changing the saturation by 10% instead.


 34.2422, 22.3744,
7.0714


 34.2422, 22.3744,
7.0714


312.7776,
264.4953, 177.9091


 23.2435, 14.1323,
3.4277

 65.6519, 47.3640,
20.6320


 14.8951, 8.2127,
1.3169


 86.7937, 64.8803,
31.3860

 8.8316, 4.2314,
0.0756


 112.0471, 86.2567,
45.3471

 4.6877, 1.8038,
0.0000

 141.7776,
111.8777, 62.9339

 2.0981, 0.4895,
0.0000

 176.3506,
142.1277, 84.5650

 0.6882, 0.0000,
0.0000

 216.1313,

 0.0000, 0.0000,

177.3910, 110.6589

0.0000

261.4852,
218.0521, 141.6340

■ 34.2422, 22.3744,
7.0714

■ 34.2422, 22.3744,
7.0714

■ 32.4519, 19.5779,
4.0583

■ 36.6841, 26.0767,
11.5287

■ 31.2462, 17.6044,
2.3064


■ 39.8324, 30.7503,
17.5813


■ 30.6384, 16.5584,
1.5813


■ 43.7377, 36.4593,
25.3622


■ 48.4455, 43.2608,
34.9903

■ 53.9976, 51.2081,
46.5738

 60.4330, 60.3506,
60.2126

 67.7881, 70.7351,
75.9997

 76.0973, 82.4058,
94.0226

 83.9340, 94.2695,
108.3798

Harmonies

Analogous

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



38.2945, 22.3744, 19.1242



34.2422, 22.3744, 7.0714



26.8972, 22.3744, 2.9064

Triad

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



34.2422, 22.3744, 7.0714



10.7627, 22.3744, 12.3047



23.3064, 22.3744, 89.2379

Complementary

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



34.2422, 22.3744, 7.0714



35.5930, 47.1412, 76.3300

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.



16.4817, 22.3744, 83.4975



34.2422, 22.3744, 7.0714



10.2243, 22.3744, 30.4780

Square

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



34.2422, 22.3744, 7.0714



13.7564, 22.3744, 4.5069



12.0685, 22.3744, 58.3406



31.1068, 22.3744, 71.2692

Rectangle

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



34.2422, 22.3744, 7.0714



21.7208, 22.3744, 2.2685



12.0685, 22.3744, 58.3406



20.8179, 22.3744, 90.1500

Sweetspot

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



34.2427, 22.3757, 7.0718



73.8420, 69.9886, 63.5892



42.3501, 23.1762, 57.2941



15.3361, 14.3108, 12.6262



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.



34.2427, 22.3757, 7.0718



43.5750, 25.4279, 4.2566



44.1500, 42.1902, 10.3742



13.8655, 14.0169, 14.2815



18.2473, 9.9325, 0.9554



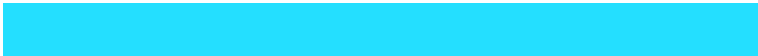
1.3159, 0.7906, 0.0833

Inverse Universe

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



35.5930, 47.1412, 76.3300



45.2792, 60.6139, 103.9209



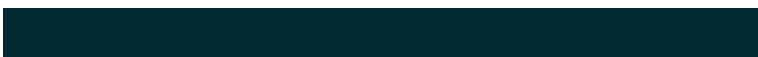
21.9684, 19.8921, 71.7884



13.9398, 15.2187, 17.5905



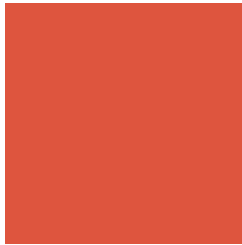
18.8417, 25.1529, 44.9103



1.3526, 1.8366, 3.1285

Previews

White Background



This preview shows how the XYZ color 34.2422, 22.3744, 7.0714 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 34.2422, 22.3744, 7.0714 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 34.2422, 22.3744, 7.0714

Background



This preview shows how black text looks on a background with the XYZ color 34.2422, 22.3744, 7.0714.



This preview shows how white text looks on a background with the XYZ color 34.2422, 22.3744,

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

34.2422, 22.3744, 7.0714

Protanopia

20.7835, 22.6081, 10.2896

Deuteranopia

22.7738, 22.3630, 6.6062



Tritanopia

35.1690, 22.4107, 11.4889

Trichromacy



Original Color

34.2422, 22.3744, 7.0714

Protanomaly

24.2003, 21.2732, 8.9615

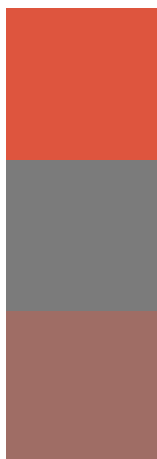
Deuteranomaly

26.0816, 21.6376, 6.6727

Tritanomaly

34.8998, 22.4245, 9.6967

Monochromacy



Original Color

34.2422, 22.3744, 7.0714

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

22.1157, 19.2478, 14.8615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2422, 22.3744, 7.0714 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, 85, 62)` looks like.

```
.text, #text, p{  
    color:rgb(222, 85, 62)  
}
```

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, 85, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 85, 62) }
```

Border

The CSS property to change the border of an element to XYZ 34.2422, 22.3744, 7.0714 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, 85, 62) }
```


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

```
.border{ border-color:rgb(222, 85, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 85, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 85, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 85, 62);  
box-shadow:4px 4px 4px 4px rgb(222, 85,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2422, 22.3744, 7.0714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 85, 62) }
```

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

```
.background{ background-color: rgb(222, 85,  
62) }
```

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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