

Converting Colors

XYZ(34.5522, 20.5975, 7.0051)

Have a look what the booklet for
XYZ(34.5522, 20.5975, 7.0051)
contains.

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Color

**XYZ(34.5522, 20.5975,
7.0051)**

Conversions

Conversions Part 1

Format	Color
Hex	E34240
RGB	227, 66, 64
RGB Percent	89%, 26%, 25%
CMY	0.1098, 0.7411, 0.7490
CMYK	0.00, 0.71, 0.72, 0.11
HSL	1°, 74%, 57%
HSV	1°, 72%, 89%
XYZ	34.5522, 20.5975, 7.0051
YIQ	113.9110, 96.5980, 33.5100

Conversions

Conversions Part 2

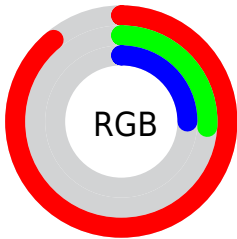
Format	Color
RYB	227, 66, 64
Decimal	14893632
CIELab	52.51, 61.56, 37.97
CIElCh	53, 72.332, 31.668
Yxy	20.5975, 0.5559, 0.3314
Android (android.graphics.Color)	4293083712 (0xFFE34240)
YUV	113.9110, -24.6061, 99.1791
Hunter-Lab	45.3845, 56.4732, 22.6177

Details

The XYZ color **34.5522, 20.5975, 7.0051** 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 **42.9016, 60.4804, 82.0853**, and the grayscale version is **16.0200, 16.8543, 18.3543**.

A 20% lighter version of the original color is **51.3723, 36.8452, 19.7334**, and **15.4361, 7.9430, 1.3814** is the 20% darker color. If you saturate the color by 10%, you get **32.9694, 18.2641, 3.9131**, and if you desaturate by 10%, it is **36.9117, 24.0645, 11.6523**.

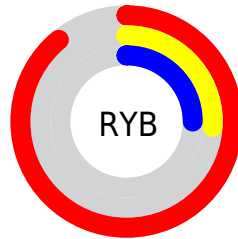
Distribution



Red (89%)

Green (26%)

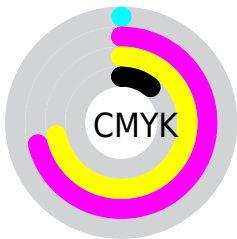
Blue (25%)



Red (89%)

Yellow (26%)

Blue (25%)

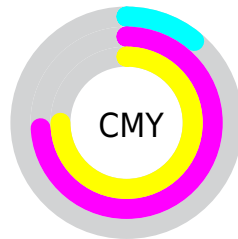


Cyan (0%)

Magenta (71%)

Yellow (72%)

Black (11%)



Cyan (11%)


Magenta (74%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5522, 20.5975, 7.0051 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 34.5522, 20.5975, 7.0051 by changing the saturation by 10% instead.


 34.5522, 20.5975,
7.0051


 34.5522, 20.5975,
7.0051


314.1301,
255.1316, 177.3386

 23.4830, 12.8301,
3.3868


 66.1301, 44.4167,
20.4965


 15.0732, 7.3117,
1.2954


 87.3695, 61.2373,
31.2067

 8.9574, 3.6578,
0.0580


 112.7297, 81.8444,
45.1179

 4.7703, 1.4840,
0.0000

 142.5761,
106.6224, 62.6487

 2.1465, 0.2774,
0.0000

 177.2739,
135.9558, 84.2177

 0.7143, 0.0000,
0.0000

 217.1886,

 0.0000, 0.0000,

170.2288, 110.2433

0.0000

262.6856,
209.8260, 141.1441

■ 34.5522, 20.5975,
7.0051

■ 34.5522, 20.5975,
7.0051

■ 32.9694, 18.2641,
3.9131

■ 36.9117, 24.0645,
11.6523

■ 32.0638, 16.9191,
2.1741


■ 40.1285, 28.7800,
18.0214


■ 31.7087, 16.3916,
1.4927


■ 44.2748, 34.8489,
26.2588


■ 49.4147, 42.3640,
36.4952

■ 55.6066, 51.4101,
48.8493

 62.9046, 62.0652,
63.4308

 71.3587, 74.4022,
80.3416

 81.0163, 88.4895,
99.6776

 85.4884, 95.0708,
108.4525

Harmonies

Analogous

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



37.7666, 20.5975, 21.2490



34.5522, 20.5975, 7.0051



27.2295, 20.5975, 2.1967

Triad

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



34.5522, 20.5975, 7.0051



9.4480, 20.5975, 8.0056



19.9991, 20.5975, 93.9675

Complementary

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



34.5522, 20.5975, 7.0051



42.9016, 60.4804, 82.0853

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.



13.5126, 20.5975, 81.7563



34.5522, 20.5975, 7.0051



8.4304, 20.5975, 23.6481

Square

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



34.5522, 20.5975, 7.0051



12.9540, 20.5975, 2.4616



9.7080, 20.5975, 51.7584



28.1433, 20.5975, 78.9482

Rectangle

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



34.5522, 20.5975, 7.0051



21.7369, 20.5975, 1.3724



9.7080, 20.5975, 51.7584



17.5657, 20.5975, 92.8868

Sweetspot

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



34.5527, 20.5987, 7.0054



72.0971, 66.4987, 63.0076



47.3768, 25.5437, 75.1060



14.9337, 13.5060, 12.4920



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.



34.5527, 20.5987, 7.0054



42.2600, 22.7978, 3.8182



42.8058, 37.1049, 9.7565



14.3912, 14.3963, 14.9247



18.4989, 9.5720, 0.8726



1.3721, 0.7175, 0.0662

Inverse Universe

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



42.9016, 60.4804, 82.0853



53.6702, 77.3959, 106.7179



26.1814, 27.0400, 76.5119



14.7914, 16.3043, 18.5118



23.6701, 34.4022, 47.7759



1.7541, 2.5521, 3.5321

Previews

White Background



This preview shows how the XYZ color 34.5522, 20.5975, 7.0051 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 34.5522,
20.5975, 7.0051 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 34.5522, 20.5975, 7.0051

Background



This preview shows how black text looks on a background with the XYZ color 34.5522, 20.5975, 7.0051.



This preview shows how white text looks on a background with the XYZ color 34.5522, 20.5975,

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

34.5522, 20.5975, 7.0051

Protanopia

19.2539, 20.8118, 11.5966

Deuteranopia

21.0926, 20.7672, 6.3868



Tritanopia

34.6122, 20.5288, 7.6070

Trichromacy



Original Color

34.5522, 20.5975, 7.0051

Protanomaly

22.6521, 18.8715, 9.4698

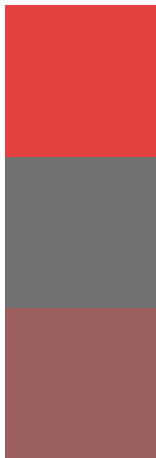
Deuteranomaly

24.6123, 19.3649, 6.4436

Tritanomaly

34.5820, 20.5167, 7.4476

Monochromacy



Original Color

34.5522, 20.5975, 7.0051

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

19.9036, 16.3625, 13.1756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5522, 20.5975, 7.0051 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(227, 66, 64)` looks like.

```
.text, #text, p{  
    color:rgb(227, 66, 64)  
}
```

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(227, 66, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 66, 64) }
```

Border

The CSS property to change the border of an element to XYZ 34.5522, 20.5975, 7.0051 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(227, 66, 64) }
```


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

```
.border{ border-color:rgb(227, 66, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 66, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 66, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 66, 64);  
box-shadow:4px 4px 4px 4px rgb(227, 66,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5522, 20.5975, 7.0051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 66, 64) }
```

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

```
.background{ background-color: rgb(227, 66,  
64) }
```

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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