

Converting Colors

XYZ(35.6613, 21.4060, 7.8581)

Have a look what the booklet for
XYZ(35.6613, 21.4060, 7.8581)
contains.

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Color

**XYZ(35.5154, 21.3439,
7.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	E54545
RGB	229, 69, 69
RGB Percent	90%, 27%, 27%
CMY	0.1020, 0.7294, 0.7294
CMYK	0.00, 0.70, 0.70, 0.10
HSL	0°, 75%, 58%
HSV	0°, 70%, 90%
XYZ	35.5154, 21.3439, 7.8781
YIQ	116.8400, 95.3600, 33.9200

Conversions

Conversions Part 2

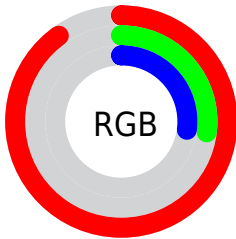
Format	Color
R_{YB}	229, 69, 69
Decimal	15025477
CIE _{Lab}	53.32, 61.32, 36.18
CIE _{LCh}	53, 71.203, 30.543
Yxy	21.3439, 0.5486, 0.3297
Android (android.graphics.Color)	4293215557 (0xFFE54545)
YUV	116.8400, -23.5851, 98.3643
Hunter-Lab	46.1995, 56.3711, 22.2293

Details

The XYZ color **35.5154, 21.3439, 7.8781** 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 **44.6134, 62.9550, 83.9285**, and the grayscale version is **16.9102, 17.7909, 19.3742**.

A 20% lighter version of the original color is **52.0994, 37.7467, 21.6795**, and **15.9014, 8.1772, 1.6600** is the 20% darker color. If you saturate the color by 10%, you get **33.7894, 18.8187, 4.4466**, and if you desaturate by 10%, it is **38.0596, 25.0674, 12.9349**.

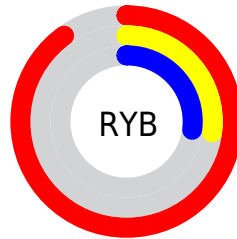
Distribution



Red (90%)

Green (27%)

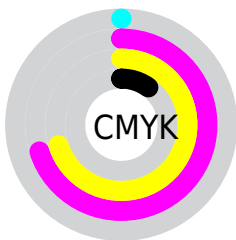
Blue (27%)



Red (90%)

Yellow (27%)

Blue (27%)

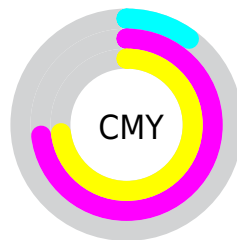


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (10%)



Cyan (10%)


Magenta (73%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5154, 21.3439, 7.8781 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 35.5154, 21.3439, 7.8781 by changing the saturation by 10% instead.


 35.5154, 21.3439,
7.8781


 35.5154, 21.3439,
7.8781


318.3058,
259.1005, 184.6715


 24.2285, 13.3756,
3.9304


 67.6122, 45.6592,
22.2613

 15.6289, 7.6877,
1.5872


 89.1529, 62.7750,
33.5339


 9.3511, 3.8958,
0.2817


 114.8422, 83.7087,
48.0853

 5.0298, 1.6154,
0.0000

 145.0455,
108.8448, 66.3338

 2.2997, 0.3680,
0.0000

 180.1281,
138.5676, 88.6982

 0.7945, 0.0000,
0.0000

220.4555,

 0.0000, 0.0000,

173.2616, 115.5969

0.0000

266.3929,
213.3111, 147.4485

■ 35.5154, 21.3439,
7.8781

■ 35.5154, 21.3439,
7.8781

■ 33.7894, 18.8187,
4.4466

■ 38.0596, 25.0674,
12.9349

■ 32.7802, 17.3419,
2.4408

■ 41.5048, 30.1088,
19.7835


■ 32.3180, 16.6654,
1.5220

■ 45.9251, 36.5770,
28.5707


■ 32.3131, 16.6582,
1.5123


■ 51.3866, 44.5688,
39.4279

■ 57.9498, 54.1726,
52.4753

 65.6703, 65.4698,
67.8234

 74.6001, 78.5367,
85.5758

 84.7881, 93.4445,
105.8295

 86.1229, 95.3979,
108.4822

Harmonies

Analogous

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



38.5182, 21.3439, 22.8484



35.5154, 21.3439, 7.8781



28.2869, 21.3439, 2.5909

Triad

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



35.5154, 21.3439, 7.8781



10.0980, 21.3439, 8.2143



20.4245, 21.3439, 94.4242

Complementary

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



35.5154, 21.3439, 7.8781



44.6134, 62.9550, 83.9285

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.



13.9581, 21.3439, 81.4064



35.5154, 21.3439, 7.8781



8.9661, 21.3439, 23.6359

Square

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



35.5154, 21.3439, 7.8781



13.7733, 21.3439, 2.6832



10.1846, 21.3439, 51.3813



28.5851, 21.3439, 80.5016

Rectangle

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



35.5154, 21.3439, 7.8781



22.7640, 21.3439, 1.6297



10.1846, 21.3439, 51.3813



17.9960, 21.3439, 92.9989

Sweetspot

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



35.5159, 21.3452, 7.8784



72.8281, 67.4833, 64.7234



48.5838, 26.5713, 76.6965



15.0701, 13.6860, 12.8234



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.



35.5159, 21.3452, 7.8784



42.4233, 22.9917, 4.2815



44.1345, 38.5825, 10.7513



14.3771, 14.3682, 14.9200



18.4752, 9.5245, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



44.6134, 62.9550, 83.9285



54.7121, 79.1986, 107.0110



27.3445, 28.4172, 78.1722



14.8074, 16.3363, 18.5171



24.1040, 35.2701, 47.9206



1.7812, 2.6064, 3.5412

Previews

White Background



This preview shows how the XYZ color 35.5154, 21.3439, 7.8781 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 35.5154, 21.3439, 7.8781 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 35.5154, 21.3439, 7.8781

Background



This preview shows how black text looks on a background with the XYZ color 35.5154, 21.3439, 7.8781.



This preview shows how white text looks on a background with the XYZ color 35.5154, 21.3439,

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

35.5154, 21.3439, 7.8781

Protanopia

20.0459, 21.5798, 12.7816

Deuteranopia

21.8757, 21.5144, 7.2747



Tritanopia

35.6109, 21.3821, 8.3812

Trichromacy



Original Color

35.5154, 21.3439, 7.8781

Protanomaly

23.5753, 19.7825, 10.5585

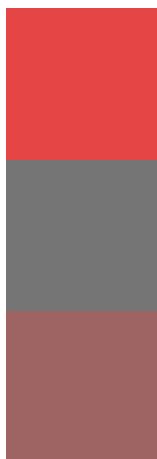
Deuteranomaly

25.5146, 20.2497, 7.2664

Tritanomaly

35.5786, 21.3692, 8.2107

Monochromacy



Original Color

35.5154, 21.3439, 7.8781

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

20.9580, 17.3035, 14.2919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5154, 21.3439, 7.8781 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(229, 69, 69)` looks like.

```
.text, #text, p{  
    color:rgb(229, 69, 69)  
}
```

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(229, 69, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 69, 69) }
```

Border

The CSS property to change the border of an element to XYZ 35.5154, 21.3439, 7.8781 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(229, 69, 69) }
```


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

```
.border{ border-color:rgb(229, 69, 69) }
```

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

Here you see how a box with a 4 pixel rgb(229, 69, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 69, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 69, 69);  
box-shadow:4px 4px 4px 4px rgb(229, 69,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5154, 21.3439, 7.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 69, 69) }
```

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

```
.background{ background-color: rgb(229, 69,  
69) }
```

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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