

Converting Colors

XYZ(35.2871, 21.5451, 8.9363)

Have a look what the booklet for
XYZ(35.2871, 21.5451, 8.9363)
contains.

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Color

**XYZ(35.3311, 21.6040,
8.9644)**

Conversions

Conversions Part 1

Format	Color
Hex	E3494B
RGB	227, 73, 75
RGB Percent	89%, 29%, 29%
CMY	0.1098, 0.7137, 0.7059
CMYK	0.00, 0.68, 0.67, 0.11
HSL	359°, 73%, 59%
HSV	359°, 68%, 89%
XYZ	35.3311, 21.6040, 8.9644
YIQ	119.2740, 91.1420, 33.2700

Conversions

Conversions Part 2

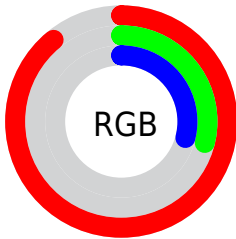
Format	Color
R_{YB}	227, 73, 75
Decimal	14895435
CIE Lab	53.60, 59.49, 33.00
CIE LCh	54, 68.031, 29.019
Yxy	21.6040, 0.5361, 0.3278
Android (android.graphics.Color)	4293085515 (0xFFE3494B)
YUV	119.2740, -21.8271, 94.4757
Hunter-Lab	46.4801, 54.3437, 21.1011

Details

The XYZ color **35.3311, 21.6040, 8.9644** 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 **43.8092, 61.7915, 80.8588**, and the grayscale version is **17.6694, 18.5896, 20.2441**.

A 20% lighter version of the original color is **52.8607, 38.6805, 23.7488**, and **15.5572, 7.9914, 2.0189** is the 20% darker color. If you saturate the color by 10%, you get **33.4656, 18.8920, 5.2021**, and if you desaturate by 10%, it is **38.0116, 25.5145, 14.3304**.

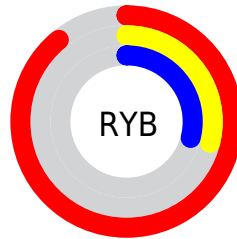
Distribution



Red (89%)

Green (29%)

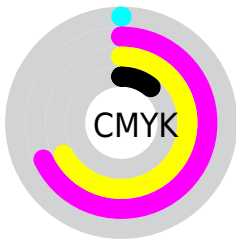
Blue (29%)



Red (89%)

Yellow (29%)

Blue (29%)

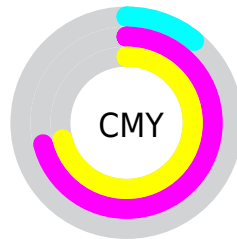


Cyan (0%)

Magenta (68%)

Yellow (67%)

Black (11%)



Cyan (11%)


Magenta (71%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3311, 21.6040, 8.9644 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 35.3311, 21.6040, 8.9644 by changing the saturation by 10% instead.


 35.3311, 21.6040,
8.9644

 35.3311, 21.6040,
8.9644


317.5099,
260.4712, 193.3204


 24.0857, 13.5662,
4.6215


 67.3290, 46.0906,
24.4051


 15.5223, 7.8196,
1.9721


 88.8123, 63.3082,
36.3400


 9.2755, 3.9797,
0.5380


 114.4389, 84.3546,
51.6426

 4.9798, 1.6622,
0.0000

 144.5743,
109.6141, 70.7314

 2.2701, 0.3990,
0.0000

 179.5837,
139.4711, 94.0251

 0.7793, 0.0000,
0.0000

219.8325,

 0.0000, 0.0000,

174.3100, 121.9421

0.0000

265.6861,
214.5153, 154.9010

■ 35.3311, 21.6040,
8.9644

■ 35.3311, 21.6040,
8.9644

■ 33.4656, 18.8920,
5.2021

■ 38.0116, 25.5145,
14.3304

■ 32.3212, 17.2376,
2.8646

■ 41.5841, 30.7360,
21.4510


■ 31.7743, 16.4544,
1.7248


■ 46.1185, 37.3727,
30.4609


■ 31.6944, 16.3372,
1.5672


■ 51.6775, 45.5168,
41.4814

■ 58.3181, 55.2532,
54.6237

 66.0936, 66.6601,
69.9907

 75.0533, 79.8108,
87.6790

 85.2440, 94.7741,
107.7790

 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.



37.9062, 21.6040, 24.2150



35.3311, 21.6040, 8.9644



28.5964, 21.6040, 3.1941

Triad

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



35.3311, 21.6040, 8.9644



10.7355, 21.6040, 8.3549



20.2956, 21.6040, 90.4771

Complementary

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



35.3311, 21.6040, 8.9644



43.8092, 61.7915, 80.8588

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.



14.1501, 21.6040, 77.1900



35.3311, 21.6040, 8.9644



9.4947, 21.6040, 22.8445

Square

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



35.3311, 21.6040, 8.9644



14.4759, 21.6040, 3.0165



10.5810, 21.6040, 48.7548



28.0827, 21.6040, 78.7131

Rectangle

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



35.3311, 21.6040, 8.9644



23.3114, 21.6040, 2.0519



10.5810, 21.6040, 48.7548



17.9863, 21.6040, 88.7049

Sweetspot

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



35.3316, 21.6053, 8.9647



73.8112, 68.8371, 66.9387



47.1231, 26.2290, 75.2516



15.2640, 13.9500, 13.2698



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.



35.3316, 21.6053, 8.9647



42.9156, 23.6510, 5.4490



43.3833, 37.8160, 11.3178



14.3845, 14.3710, 14.9594



18.4877, 9.5293, 0.9312



1.3689, 0.7053, 0.0829

Inverse Universe

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



35.3316, 21.6053, 8.9647



42.9156, 23.6510, 5.4490



27.9347, 29.6053, 76.9147



14.3845, 14.3710, 14.9594



18.4877, 9.5293, 0.9312



1.3689, 0.7053, 0.0829

Previews

White Background



This preview shows how the XYZ color 35.3311, 21.6040, 8.9644 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 35.3311,
21.6040, 8.9644 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 35.3311, 21.6040, 8.9644

Background



This preview shows how black text looks on a background with the XYZ color 35.3311, 21.6040, 8.9644.



This preview shows how white text looks on a background with the XYZ color 35.3311, 21.6040,

8.9644.

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

35.3311, 21.6040, 8.9644

Protanopia

20.3117, 21.6861, 14.1816

Deuteranopia

22.1966, 21.8403, 8.3559



Tritanopia

35.4007, 21.6318, 9.3307

Trichromacy



Original Color

35.3311, 21.6040, 8.9644

Protanomaly

23.7016, 19.9758, 11.8390

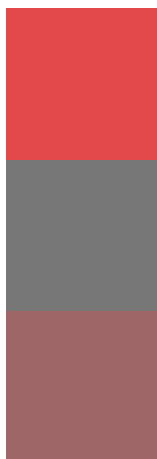
Deuteranomaly

25.6855, 20.6126, 8.4192

Tritanomaly

35.3656, 21.6178, 9.1462

Monochromacy



Original Color

35.3311, 21.6040, 8.9644

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

21.3001, 17.7511, 15.1356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3311, 21.6040, 8.9644 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, 73, 75)` looks like.

```
.text, #text, p{  
    color:rgb(227, 73, 75)  
}
```

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, 73, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 73, 75) }
```

Border

The CSS property to change the border of an element to XYZ 35.3311, 21.6040, 8.9644 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, 73, 75) }
```


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

```
.border{ border-color:rgb(227, 73, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 73, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 73, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 73, 75);  
box-shadow:4px 4px 4px 4px rgb(227, 73,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3311, 21.6040, 8.9644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 73, 75) }
```

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

```
.background{ background-color: rgb(227, 73,  
75) }
```

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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