

Converting Colors

XYZ(35.0534, 21.8868, 7.8140)

Have a look what the booklet for
XYZ(35.0534, 21.8868, 7.8140)
contains.

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Color

**XYZ(35.0613, 21.8939,
7.8468)**

Conversions

Conversions Part 1

Format	Color
Hex	E24D44
RGB	226, 77, 68
RGB Percent	89%, 30%, 27%
CMY	0.1137, 0.6980, 0.7333
CMYK	0.00, 0.66, 0.70, 0.11
HSL	3°, 73%, 58%
HSV	3°, 70%, 89%
XYZ	35.0613, 21.8939, 7.8468
YIQ	120.5250, 91.6930, 28.7890

Conversions

Conversions Part 2

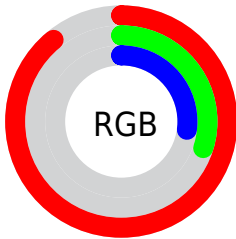
Format	Color
R_{YB}	226, 78, 68
Decimal	14830916
CIE _{Lab}	53.91, 57.24, 37.31
CIE _{LCh}	54, 68.325, 33.100
Yxy	21.8939, 0.5411, 0.3379
Android (android.graphics.Color)	4293020996 (0xFFE24D44)
YUV	120.5250, -25.8948, 92.5016
Hunter-Lab	46.7909, 51.8692, 22.8108

Details

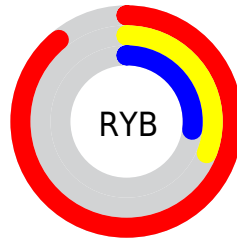
The XYZ color **35.0613, 21.8939, 7.8468** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **40.9215, 56.3403, 80.6690**, and the grayscale version is **18.0820, 19.0237, 20.7168**.

A 20% lighter version of the original color is **52.8384, 39.3194, 21.6341**, and **15.3125, 7.9393, 1.5895** is the 20% darker color. If you saturate the color by 10%, you get **33.2448, 19.1604, 4.4694**, and if you desaturate by 10%, it is **37.6328, 25.7127, 12.7870**.

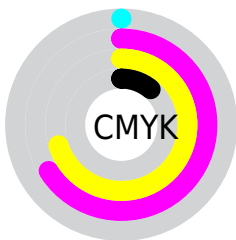
Distribution



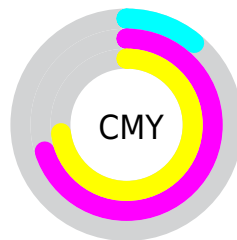
- Red (89%)
- Green (30%)
- Blue (27%)



- Red (89%)
- Yellow (31%)
- Blue (27%)



- Cyan (0%)
- Magenta (66%)
- Yellow (70%)
- Black (11%)





- Cyan (11%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0613, 21.8939, 7.8468 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 35.0613, 21.8939, 7.8468 by changing the saturation by 10% instead.

 35.0613, 21.8939,
7.8468


 35.0613, 21.8939,
7.8468


316.3421,
261.9917, 184.4149


 23.8768, 13.7790,
3.9107


 66.9141, 46.5706,
22.1988

 15.3665, 7.9671,
1.5765


 88.3132, 63.9011,
33.4517

 9.1650, 4.0739,
0.2740


 113.8478, 85.0723,
47.9807

 4.9069, 1.7150,
0.0000

 143.8834,
110.4685, 66.2042

 2.2270, 0.4333,
0.0000

 178.7852,
140.4741, 88.5409

 0.7569, 0.0000,
0.0000

218.9187,

 0.0000, 0.0000,

175.4736, 115.4092

0.0000

264.6492,
215.8514, 147.2277

■ 35.0613, 21.8939,
7.8468

■ 35.0613, 21.8939,
7.8468

■ 33.2448, 19.1604,
4.4694

■ 37.6328, 25.7127,
12.7870

■ 32.0997, 17.3960,
2.4661

■ 41.0281, 30.7101,
19.4472


■ 31.5098, 16.4589,
1.5219


■ 45.3101, 36.9737,
27.9667

■ 31.5063, 16.4536,
1.5153


■ 50.5352, 44.5816,
38.4703

■ 56.7548, 53.6058,
51.0718

 64.0170, 64.1131,
65.8766

 72.3664, 76.1659,
82.9829

 81.8453, 89.8233,
102.4830

 85.1738, 94.9086,
108.4378

Harmonies

Analogous

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



38.3842, 21.8939, 21.7128



35.0613, 21.8939, 7.8468



27.8926, 21.8939, 2.8828

Triad

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



35.0613, 21.8939, 7.8468



10.5670, 21.8939, 9.8000



21.5845, 21.8939, 91.5477

Complementary

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



35.0613, 21.8939, 7.8468



40.9215, 56.3403, 80.6690

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.



15.0402, 21.8939, 81.3419



35.0613, 21.8939, 7.8468



9.6343, 21.8939, 26.0991

Square

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



35.0613, 21.8939, 7.8468



13.9973, 21.8939, 3.4529



11.0618, 21.8939, 53.5356



29.5358, 21.8939, 76.4732

Rectangle

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



35.0613, 21.8939, 7.8468



22.5566, 21.8939, 1.9934



11.0618, 21.8939, 53.5356



19.1551, 21.8939, 90.9745

Sweetspot

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



35.0618, 21.8952, 7.8471



73.5484, 68.9238, 64.9635



46.0989, 25.3701, 68.8651



15.2369, 14.0196, 12.8790



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.



35.0618, 21.8952, 7.8471



42.9105, 23.9662, 4.4439



44.1119, 39.9954, 10.8638



13.7696, 13.8253, 14.2496



18.0021, 9.4421, 0.8737



1.2702, 0.6994, 0.0680

Inverse Universe

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



40.9215, 56.3403, 80.6690



50.9430, 71.6603, 105.7546



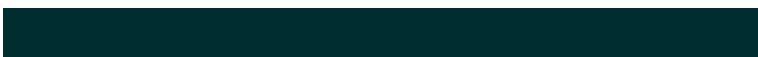
25.3584, 25.2141, 75.4813



14.0461, 15.4314, 17.6259



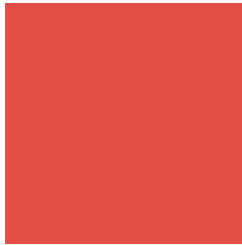
21.4526, 30.3748, 45.7806



1.5077, 2.1468, 3.1802

Previews

White Background



This preview shows how the XYZ color 35.0613, 21.8939, 7.8468 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 35.0613, 21.8939, 7.8468 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 35.0613, 21.8939, 7.8468

Background



This preview shows how black text looks on a background with the XYZ color 35.0613, 21.8939, 7.8468.



This preview shows how white text looks on a background with the XYZ color 35.0613, 21.8939,

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

35.0613, 21.8939, 7.8468

Protanopia

20.3858, 21.9641, 12.1819

Deuteranopia

22.3696, 21.9553, 7.1965



Tritanopia

35.2914, 21.7654, 9.7382

Trichromacy



Original Color

35.0613, 21.8939, 7.8468

Protanomaly

23.8185, 20.3890, 10.2695

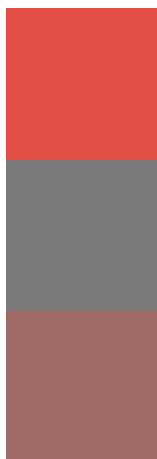
Deuteranomaly

25.7907, 20.8462, 7.2218

Tritanomaly

35.2185, 21.8456, 9.0170

Monochromacy



Original Color

35.0613, 21.8939, 7.8468

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

21.7479, 18.4334, 14.9821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0613, 21.8939, 7.8468 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(226, 77, 68)` looks like.

```
.text, #text, p{  
    color:rgb(226, 77, 68)  
}
```

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(226, 77, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 77, 68) }
```

Border

The CSS property to change the border of an element to XYZ 35.0613, 21.8939, 7.8468 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(226, 77, 68) }
```


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

```
.border{ border-color:rgb(226, 77, 68) }
```

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

Here you see how a box with a 4 pixel rgb(226, 77, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 77, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 77, 68);  
box-shadow:4px 4px 4px 4px rgb(226, 77,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0613, 21.8939, 7.8468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 77, 68) }
```

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

```
.background{ background-color: rgb(226, 77,  
68) }
```

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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