

Converting Colors

XYZ(35.3126, 21.3723, 3.0796)

Have a look what the booklet for
XYZ(35.3126, 21.3723, 3.0796)
contains.

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Color

**XYZ(35.2378, 21.3070,
3.0660)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E74517 |
| RGB | 231, 69, 23 |
| RGB Percent | 91%, 27%, 9% |
| CMY | 0.0941, 0.7294, 0.9098 |
| CMYK | 0.00, 0.70, 0.90, 0.09 |
| HSL | 13°, 82%, 50% |
| HSV | 13°, 90%, 91% |
| XYZ | 35.2378, 21.3070, 3.0660 |
| YIQ | 112.1940, 111.3180, 20.0380 |

Conversions

Conversions Part 2

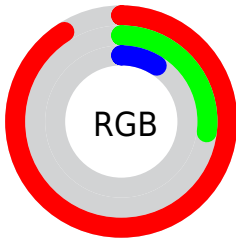
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 231, 82, 23 |
| Decimal | 15156503 |
| CIELab | 53.28, 60.55, 58.61 |
| CIElCh | 53, 84.273, 44.064 |
| Yxy | 21.3070, 0.5911, 0.3574 |
| Android (android.graphics.Color) | 4293346583 (0xFFE74517) |
| YUV | 112.1940, -43.9726, 104.1929 |
| Hunter-Lab | 46.1595, 55.4863, 28.3735 |

Details

The XYZ color **35.2378, 21.3070, 3.0660** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **32.1239, 40.6453, 81.7531**, and the grayscale version is **15.5616, 16.3720, 17.8292**.

A 20% lighter version of the original color is **49.9369, 36.6761, 10.9258**, and **15.7259, 8.1070, 0.7360** is the 20% darker color. If you saturate the color by 10%, you get **34.1429, 19.3650, 1.9383**, and if you desaturate by 10%, it is **36.8582, 24.0034, 5.2857**.

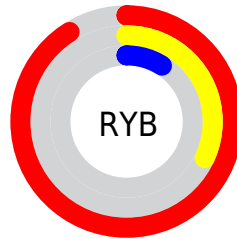
Distribution



Red (91%)

Green (27%)

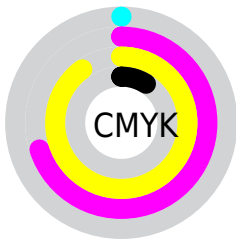
Blue (9%)



Red (91%)

Yellow (32%)

Blue (9%)

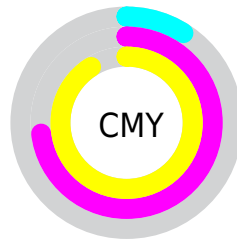


Cyan (0%)

Magenta (70%)

Yellow (90%)

Black (9%)



Cyan (9%)


Magenta (73%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2378, 21.3070, 3.0660 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 35.2378, 21.3070, 3.0660 by changing the saturation by 10% instead.


 35.2378, 21.3070,
3.0660


 35.2378, 21.3070,
3.0660


317.1064,
258.9056, 137.1968


 24.0135, 13.3486,
1.1284


 67.1856, 45.5979,
11.7909

 15.4684, 7.6690,
0.0000


 88.6398, 62.6992,
19.4152

 9.2372, 3.8839,
0.0000


 114.2346, 83.6169,
29.7723

 4.9546, 1.6088,
0.0000

 144.3355,
108.7354, 43.2806

 2.2551, 0.3635,
0.0000

 179.3078,
138.4392, 60.3587


 0.7716, 0.0000,
0.0000


 219.5168,


 0.0000, 0.0000,


173.1125, 81.4250


0.0000


 265.3279,
213.1398, 106.8982


 35.2378, 21.3070,
3.0660


 35.2378, 21.3070,
3.0660


 34.1429, 19.3650,
1.9383

 36.8582, 24.0034,
5.2857

 39.0859, 27.5224,
8.9153

 41.9804, 31.9281,
14.1445

 45.5931, 37.2773,
21.1331

 49.9702, 43.6215,
30.0214

■ 55.1536, 51.0086,
40.9354

■ 61.1823, 59.4833,
53.9903

■ 68.0927, 69.0875,
69.2924

■ 75.9188, 79.8612,
86.9412

Harmonies

Analogous

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



41.8498, 21.3070, 13.1964



35.2378, 21.3070, 3.0660



25.3329, 21.3070, 0.7575

Triad

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



35.2378, 21.3070, 3.0660



7.8348, 21.3070, 12.1614



24.7102, 21.3070, 110.8567

Complementary

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



35.2378, 21.3070, 3.0660



32.1239, 40.6453, 81.7531

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.



15.8998, 21.3070, 109.6835



35.2378, 21.3070, 3.0660



7.7581, 21.3070, 37.2942

Square

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



35.2378, 21.3070, 3.0660



10.5152, 21.3070, 2.7811



10.2615, 21.3070, 76.8414



34.6681, 21.3070, 79.3886

Rectangle

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



35.2378, 21.3070, 3.0660



19.0607, 21.3070, 0.5459



10.2615, 21.3070, 76.8414



21.4913, 21.3070, 114.7262

Sweetspot

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



35.2383, 21.3083, 3.0663



71.0942, 66.7621, 55.6773



42.1170, 21.1440, 48.2785



14.6930, 13.5494, 10.7936



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.



35.2383, 21.3083, 3.0663



42.6740, 24.1279, 2.4080



47.8747, 46.5811, 7.2785



14.6342, 14.8823, 15.0057



19.2166, 11.0073, 1.1118



1.4882, 0.9497, 0.1049

Inverse Universe

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



32.1239, 40.6453, 81.7531



38.3800, 47.8800, 101.8267



17.7894, 11.9763, 76.9749



14.5228, 15.7670, 18.4222



17.3210, 21.7042, 45.6596



1.3469, 1.7377, 3.3964

Previews

White Background



This preview shows how the XYZ color 35.2378, 21.3070, 3.0660 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 35.2378, 21.3070, 3.0660 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 35.2378, 21.3070, 3.0660

Background



This preview shows how black text looks on a background with the XYZ color 35.2378, 21.3070, 3.0660.



This preview shows how white text looks on a background with the XYZ color 35.2378, 21.3070,

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

35.2378, 21.3070, 3.0660

Protanopia

19.3808, 21.4116, 4.8616

Deuteranopia

21.5353, 21.2518, 2.9670



Tritanopia

36.2124, 21.3538, 7.6819

Trichromacy



Original Color

35.2378, 21.3070, 3.0660

Protanomaly

23.1976, 19.7336, 3.9528

Deuteranomaly

25.0449, 19.9594, 2.7623

Tritanomaly

35.8468, 21.3002, 5.4708

Monochromacy



Original Color

35.2378, 21.3070, 3.0660

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

19.1484, 15.9135, 9.6518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2378, 21.3070, 3.0660 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(231, 69, 23)` looks like.

```
.text, #text, p{  
    color:rgb(231, 69, 23)  
}
```

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(231, 69, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 69, 23) }
```

Border

The CSS property to change the border of an element to XYZ 35.2378, 21.3070, 3.0660 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(231, 69, 23) }
```


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

```
.border{ border-color:rgb(231, 69, 23) }
```

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

Here you see how a box with a 4 pixel rgb(231, 69, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 69, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 69, 23);  
box-shadow:4px 4px 4px 4px rgb(231, 69,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2378, 21.3070, 3.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 69, 23) }
```

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

```
.background{ background-color: rgb(231, 69,  
23) }
```

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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