

Converting Colors

XYZ(36.3478, 21.8503, 8.6051)

Have a look what the booklet for
XYZ(36.3478, 21.8503, 8.6051)
contains.

XYZ(36.3478, 21.8503, 8.6051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.3478, 21.8503,
8.6051)**

Conversions

Conversions Part 1

Format	Color
Hex	E74649
RGB	231, 70, 73
RGB Percent	91%, 27%, 29%
CMY	0.0941, 0.7254, 0.7137
CMYK	0.00, 0.70, 0.68, 0.09
HSL	359°, 77%, 59%
HSV	359°, 70%, 91%
XYZ	36.3478, 21.8503, 8.6051
YIQ	118.4810, 94.9930, 35.0650

Conversions

Conversions Part 2

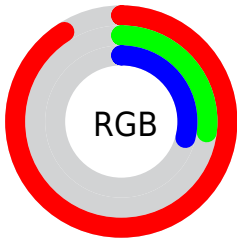
Format	Color
R_{YB}	231, 70, 73
Decimal	15156809
CIE _{Lab}	53.87, 61.77, 34.63
CIE _{LCh}	54, 70.817, 29.279
Yxy	21.8503, 0.5441, 0.3271
Android (android.graphics.Color)	4293346889 (0xFFE74649)
YUV	118.4810, -22.4221, 98.6792
Hunter-Lab	46.7443, 56.9969, 21.8064

Details

The XYZ color **36.3478, 21.8503, 8.6051** 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 **45.1073, 64.0560, 83.3926**, and the grayscale version is **17.4195, 18.3267, 19.9578**.

A 20% lighter version of the original color is **52.4720, 38.1035, 23.0015**, and **16.3702, 8.4135, 1.9236** is the 20% darker color. If you saturate the color by 10%, you get **34.5507, 19.2479, 4.9492**, and if you desaturate by 10%, it is **38.9752, 25.6755, 13.8889**.

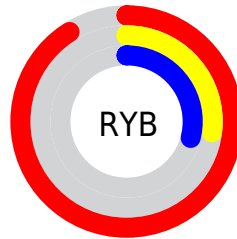
Distribution



Red (91%)

Green (27%)

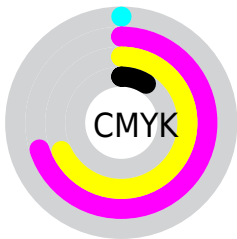
Blue (29%)



Red (91%)

Yellow (27%)

Blue (29%)

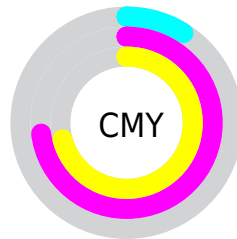


Cyan (0%)

Magenta (70%)

Yellow (68%)

Black (9%)



Cyan (9%)


Magenta (73%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3478, 21.8503, 8.6051 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 36.3478, 21.8503, 8.6051 by changing the saturation by 10% instead.


 36.3478, 21.8503,
8.6051


 36.3478, 21.8503,
8.6051


321.8830,
261.7635, 190.5123

 24.8743, 13.7469,
4.3912


 68.8889, 46.4985,
23.7019

 16.1116, 7.9449,
1.8423


 90.6872, 63.8120,
35.4219


 9.6945, 4.0597,
0.4557


 116.6578, 84.9645,
50.4810

 5.2576, 1.7070,
0.0000

 147.1661,
110.3402, 69.2978

 2.4355, 0.4282,
0.0000

 182.5774,
140.3236, 92.2907

 0.8628, 0.0000,
0.0000

223.2571,

 0.0000, 0.0000,

175.2990, 119.8785

0.0000

269.5705,
215.6508, 152.4795

■ 36.3478, 21.8503,
8.6051

■ 36.3478, 21.8503,
8.6051

■ 34.5507, 19.2479,
4.9492

■ 38.9752, 25.6755,
13.8889

■ 33.4831, 17.7166,
2.7322

■ 42.5150, 30.8445,
20.9592


■ 32.9899, 17.0152,
1.6887


■ 47.0413, 37.4677,
29.9572


■ 32.9783, 16.9982,
1.6660


■ 52.6200, 45.6434,
41.0094

■ 59.3116, 55.4611,
54.2318

 67.1718, 67.0037,
69.7314

 76.2526, 80.3483,
87.6086

 86.6029, 95.5674,
107.9574

 86.7648, 95.7288,
108.5123

Harmonies

Analogous

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



39.1325, 21.8503, 24.3234



36.3478, 21.8503, 8.6051



29.1878, 21.8503, 2.8789

Triad

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



36.3478, 21.8503, 8.6051



10.5477, 21.8503, 8.1490



20.5842, 21.8503, 95.2431

Complementary

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



36.3478, 21.8503, 8.6051



45.1073, 64.0560, 83.3926

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.



14.1466, 21.8503, 81.1626



36.3478, 21.8503, 8.6051



9.2929, 21.8503, 23.2670

Square

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



36.3478, 21.8503, 8.6051



14.3953, 21.8503, 2.7516



10.4307, 21.8503, 50.7771



28.7889, 21.8503, 82.3654

Rectangle

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



36.3478, 21.8503, 8.6051



23.6146, 21.8503, 1.7928



10.4307, 21.8503, 50.7771



18.1600, 21.8503, 93.4167

Sweetspot

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



36.3483, 21.8516, 8.6054



72.9451, 67.5288, 65.3432



47.8637, 26.2607, 78.1471



15.0971, 13.6965, 12.9668



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.



36.3483, 21.8516, 8.6054



42.4954, 23.0198, 4.6638



44.2073, 37.7245, 10.7477



14.3878, 14.3723, 14.9766



18.4932, 9.5315, 0.9603



1.3704, 0.7059, 0.0912

Inverse Universe

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



36.3483, 21.8516, 8.6054



42.4954, 23.0198, 4.6638



28.8172, 30.8058, 80.0282



14.3878, 14.3723, 14.9766



18.4932, 9.5315, 0.9603



1.3704, 0.7059, 0.0912

Previews

White Background



This preview shows how the XYZ color 36.3478, 21.8503, 8.6051 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 36.3478, 21.8503, 8.6051 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 36.3478, 21.8503, 8.6051

Background



This preview shows how black text looks on a background with the XYZ color 36.3478, 21.8503, 8.6051.



This preview shows how white text looks on a background with the XYZ color 36.3478, 21.8503,

8.6051.

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

36.3478, 21.8503, 8.6051

Protanopia

20.5633, 22.0157, 13.9921

Deuteranopia

22.3064, 21.9070, 7.9033



Tritanopia

36.3478, 21.8503, 8.6051

Trichromacy



Original Color

36.3478, 21.8503, 8.6051

Protanomaly

24.0961, 20.1839, 11.6427

Deuteranomaly

25.9710, 20.6202, 7.9215

Tritanomaly

36.3478, 21.8503, 8.6051

Monochromacy



Original Color

36.3478, 21.8503, 8.6051

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

21.3500, 17.6376, 14.8495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3478, 21.8503, 8.6051 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, 70, 73)` looks like.

```
.text, #text, p{  
    color:rgb(231, 70, 73)  
}
```

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, 70, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 70, 73) }
```

Border

The CSS property to change the border of an element to XYZ 36.3478, 21.8503, 8.6051 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, 70, 73) }
```


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

```
.border{ border-color:rgb(231, 70, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 70, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 70, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 70, 73);  
box-shadow:4px 4px 4px 4px rgb(231, 70,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3478, 21.8503, 8.6051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 70, 73) }
```

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

```
.background{ background-color: rgb(231, 70,  
73) }
```

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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