

Converting Colors

XYZ(35.0141, 43.7804, 7.7036)

Have a look what the booklet for
XYZ(35.0141, 43.7804, 7.7036)
contains.

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Color

**XYZ(35.0141, 43.7804,
7.7036)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB91C
RGB	174, 185, 28
RGB Percent	68%, 73%, 11%
CMY	0.3176, 0.2745, 0.8902
CMYK	0.06, 0.00, 0.85, 0.27
HSL	64°, 74%, 42%
HSV	64°, 85%, 73%
XYZ	35.0141, 43.7804, 7.7036
YIQ	163.8130, 43.8410, -51.1590

Conversions

Conversions Part 2

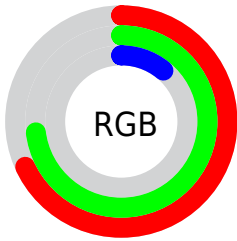
Format	Color
R_{YB}	28, 185, 39
Decimal	11450652
CIE _{Lab}	72.08, -21.23, 69.15
CIE _{LCh}	72, 72.331, 107.069
Yxy	43.7804, 0.4048, 0.5061
Android (android.graphics.Color)	4289640732 (0xFFAEB91C)
YUV	163.8130, -66.9558, 8.9340
Hunter-Lab	66.1668, -21.3333, 39.4138

Details

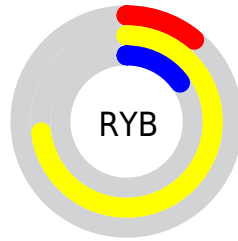
The XYZ color **35.0141, 43.7804, 7.7036** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **10.0101, 4.7655, 46.2938**, and the grayscale version is **35.4928, 37.3411, 40.6645**.

A 20% lighter version of the original color is **66.9479, 80.9896, 22.0015**, and **15.5874, 20.2844, 3.0937** is the 20% darker color. If you saturate the color by 10%, you get **34.5699, 43.5711, 6.8611**, and if you desaturate by 10%, it is **35.5990, 44.0495, 9.2638**.

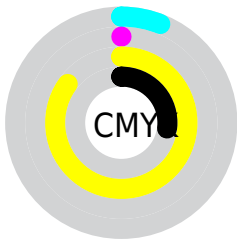
Distribution



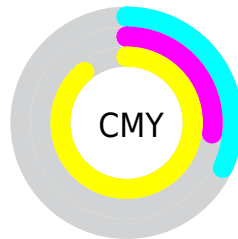
- Red (68%)
- Green (73%)
- Blue (11%)



- Red (11%)
- Yellow (73%)
- Blue (15%)



- Cyan (6%)
- Magenta (0%)
- Yellow (85%)
- Black (27%)



- Cyan (32%)
- Magenta (27%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0141, 43.7804, 7.7036 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 35.0141, 43.7804, 7.7036 by changing the saturation by 10% instead.

35.0141, 43.7804,
7.7036

35.0141, 43.7804,
7.7036

316.1375,
361.8114, 183.2353

23.8403, 30.4979,
3.8208

66.8415, 80.8872,
21.9118

15.3393, 20.2168,
1.5276

88.2258, 105.4803,
33.0743

9.1457, 12.5527,
0.2383

113.7443,
134.6124, 47.5005

4.8942, 7.1213,
0.0000

143.7624,
168.6678, 65.6089

2.2194, 3.5381,
0.0000

178.6454,
208.0311, 87.8180

0.7530, 1.4187,
0.0000

218.7587,

0.0000, 0.2304,

253.0865, 114.5464

0.0000

264.4676,
304.2185, 146.2127

■ 0.0000, 0.0000,
0.0000

■ 35.0141, 43.7804,
7.7036

■ 35.0141, 43.7804,
7.7036

■ 34.5699, 43.5711,
6.8611

■ 35.5990, 44.0495,
9.2638

■ 34.3711, 43.4747,
6.5799

■ 36.3433, 44.3811,
11.6534

■ 37.2659, 44.7844,
14.9673

■ 38.3824, 45.2655,
19.2872

■ 39.7065, 45.8299,
24.6856

■ 41.2506, 46.4828,
31.2284

■ 43.0265, 47.2286,
38.9762

■ 45.0447, 48.0717,
47.9854

■ 47.3152, 49.0161,
58.3087

Harmonies

Analogous

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



47.1641, 43.7804, 7.3320



35.0141, 43.7804, 7.7036



26.5146, 43.7804, 14.6993

Triad

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



35.0141, 43.7804, 7.7036



27.4240, 43.7804, 116.9531



69.3625, 43.7804, 64.5936

Complementary

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



35.0141, 43.7804, 7.7036



10.0101, 4.7655, 46.2938

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.



61.5673, 43.7804, 110.7398



35.0141, 43.7804, 7.7036



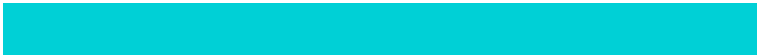
36.5136, 43.7804, 149.6406

Square

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



35.0141, 43.7804, 7.7036



22.7658, 43.7804, 70.5877



48.9906, 43.7804, 146.9279



68.7395, 43.7804, 30.3413

Rectangle

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



35.0141, 43.7804, 7.7036



23.3267, 43.7804, 25.7513



48.9906, 43.7804, 146.9279



67.5836, 43.7804, 79.4369

Sweetspot

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



35.0151, 43.7824, 7.7045



73.7132, 83.1771, 55.2296



20.9268, 11.8156, 2.2768



15.6750, 17.8401, 10.9833



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.0151, 43.7824, 7.7045



61.4716, 77.8153, 11.7800



22.3878, 37.2728, 7.1136



9.6864, 10.4705, 9.6174



23.4279, 29.6138, 4.4813



0.8446, 1.0536, 0.1589

Inverse Universe

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



10.0101, 4.7655, 46.2938



15.9113, 6.3908, 82.5995



16.5054, 8.1139, 46.5978



8.5779, 8.7487, 11.3160



6.0994, 2.4556, 31.4056



0.2348, 0.0968, 1.1081

Previews

White Background



This preview shows how the XYZ color 35.0141, 43.7804, 7.7036 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 35.0141, 43.7804, 7.7036 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0141, 43.7804, 7.7036

Background



This preview shows how black text looks on a background with the XYZ color 35.0141, 43.7804, 7.7036.



This preview shows how white text looks on a background with the XYZ color 35.0141, 43.7804,

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

35.0141, 43.7804, 7.7036

Protanopia

39.4618, 43.6610, 7.3248

Deuteranopia

44.3259, 43.3202, 8.0329



Tritanopia

44.1090, 43.6150, 52.5481

Trichromacy



Original Color

35.0141, 43.7804, 7.7036

Protanomaly

37.7543, 43.6688, 7.4760

Deuteranomaly

40.6313, 43.3786, 7.9005

Tritanomaly

38.9760, 42.9743, 27.0095

Monochromacy



Original Color

35.0141, 43.7804, 7.7036

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

33.9955, 39.0677, 21.9687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0141, 43.7804, 7.7036 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(174, 185, 28)` looks like.

```
.text, #text, p{  
    color:rgb(174, 185, 28)  
}
```

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(174, 185, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 185, 28) }
```

Border

The CSS property to change the border of an element to XYZ 35.0141, 43.7804, 7.7036 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(174, 185, 28) }
```


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

```
.border{ border-color:rgb(174, 185, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 185, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 185, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 185, 28);  
box-shadow:4px 4px 4px 4px rgb(174, 185,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0141, 43.7804, 7.7036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 185, 28) }
```

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

```
.background{ background-color: rgb(174,  
185, 28) }
```

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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