

Converting Colors

XYZ(36.1714, 44.4012, 6.6639)

Have a look what the booklet for
XYZ(36.1714, 44.4012, 6.6639)
contains.

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Color

**XYZ(36.1714, 44.4012,
6.6639)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B900
RGB	180, 185, 0
RGB Percent	71%, 73%, 0%
CMY	0.2941, 0.2745, 0.9999
CMYK	0.03, 0.00, 1.00, 0.27
HSL	62°, 100%, 36%
HSV	62°, 100%, 73%
XYZ	36.1714, 44.4012, 6.6639
YIQ	162.4150, 56.4050, -58.5950

Conversions

Conversions Part 2

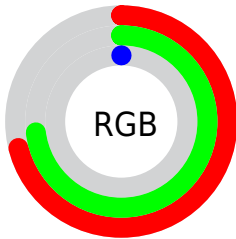
Format	Color
RYB	0, 185, 5
Decimal	11843840
CIELab	72.50, -19.11, 73.76
CIELCh	72, 76.198, 104.525
Yxy	44.4012, 0.4146, 0.5090
Android (android.graphics.Color)	4290033920 (0xFFB4B900)
YUV	162.4150, -80.0706, 15.4220
Hunter-Lab	66.6342, -19.7138, 40.7145

Details

The XYZ color **36.1714, 44.4012, 6.6639** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **8.8206, 3.5359, 46.1192**, and the grayscale version is **34.8856, 36.7023, 39.9688**.

A 20% lighter version of the original color is **68.4999, 81.8405, 19.7759**, and **16.4196, 20.7135, 3.1327** is the 20% darker color. If you saturate the color by 10%, you get **36.1722, 44.4032, 6.6642**, and if you desaturate by 10%, it is **36.4025, 44.5088, 7.2673**.

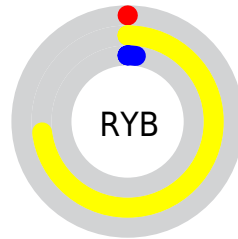
Distribution



Red (71%)

Green (73%)

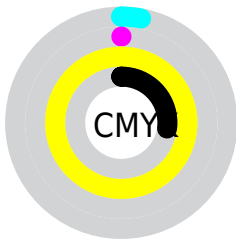
Blue (0%)



Red (0%)

Yellow (73%)

Blue (2%)

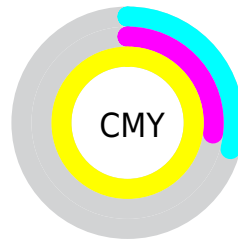


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (27%)



Cyan (29%)


Magenta (27%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1714, 44.4012, 6.6639 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 36.1714, 44.4012, 6.6639 by changing the saturation by 10% instead.


 36.1714, 44.4012,
6.6639


 36.1714, 44.4012,
6.6639


321.1273,
364.3430, 174.3646


 24.7373, 30.9860,
3.1776


 68.6187, 81.8211,
19.7950


 16.0091, 20.5882,
1.1860

 90.3626, 106.5947,
30.2769


 9.6215, 12.8233,
0.0000


 116.2738,
135.9231, 43.9277

 5.2091, 7.3070,
0.0000

 146.7177,
170.1909, 61.1660

 2.4065, 3.6548,
0.0000

 182.0597,
209.7824, 82.4103

 0.8483, 1.4824,
0.0000

 222.6650,

 0.0000, 0.2763,

255.0819, 108.0791

0.0000

268.8991,
306.4740, 138.5910

■ 0.0000, 0.0000,
0.0000

■ 36.1714, 44.4012,
6.6639

■ 36.1714, 44.4012,
6.6639

■ 36.1722, 44.4032,
6.6642

■ 36.4025, 44.5088,
7.2673

■ 36.7405, 44.6575,
8.4354

■ 37.2260, 44.8653,
10.3783

■ 37.8787, 45.1400,
13.1991

■ 38.7150, 45.4883,
16.9853

■ 39.7497, 45.9159,
21.8135

■ 40.9959, 46.4281,
27.7530

■ 42.4655, 47.0298,
34.8669

■ 44.1696, 47.7253,
43.2136

Harmonies

Analogous

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



49.3159, 44.4012, 6.7471



36.1714, 44.4012, 6.6639



26.8357, 44.4012, 12.9101

Triad

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



36.1714, 44.4012, 6.6639



26.6172, 44.4012, 118.9979



71.5694, 44.4012, 70.3602

Complementary

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



36.1714, 44.4012, 6.6639



8.8206, 3.5359, 46.1192

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.



62.5366, 44.4012, 120.5517



36.1714, 44.4012, 6.6639



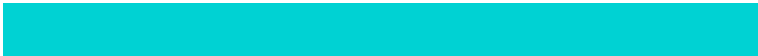
35.8074, 44.4012, 157.1370

Square

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



36.1714, 44.4012, 6.6639



22.1488, 44.4012, 68.8819



48.8682, 44.4012, 157.8195



71.7238, 44.4012, 32.3596

Rectangle

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



36.1714, 44.4012, 6.6639



23.2401, 44.4012, 23.4045



48.8682, 44.4012, 157.8195



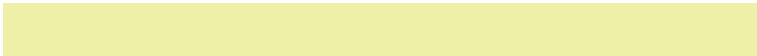
69.3988, 44.4012, 86.6695

Sweetspot

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



36.1724, 44.4033, 6.6648



73.2976, 83.0977, 49.1196



20.0426, 10.3823, 0.9482



15.5918, 17.8281, 9.5859



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.



36.1724, 44.4033, 6.6648



64.7461, 79.5034, 11.9332



21.5113, 36.8452, 5.9787



9.7255, 10.4906, 9.6192



24.6390, 30.2382, 4.5379



0.8762, 1.0699, 0.1603

Inverse Universe

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



8.8206, 3.5359, 46.1192



15.7648, 6.3153, 82.5927



13.5392, 5.9684, 46.3401



8.5430, 8.7308, 11.3144



6.0154, 2.4122, 31.4016



0.2197, 0.0890, 1.1073

Previews

White Background



This preview shows how the XYZ color 36.1714, 44.4012, 6.6639 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 36.1714, 44.4012, 6.6639 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 36.1714, 44.4012, 6.6639

Background



This preview shows how black text looks on a background with the XYZ color 36.1714, 44.4012, 6.6639.



This preview shows how white text looks on a background with the XYZ color 36.1714, 44.4012,

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

36.1714, 44.4012, 6.6639

Protanopia

40.0078, 44.2583, 6.4341

Deuteranopia

45.1502, 44.3119, 7.3358



Tritanopia

45.5018, 44.3453, 52.0602

Trichromacy



Original Color

36.1714, 44.4012, 6.6639

Protanomaly

38.5162, 44.3852, 6.5372

Deuteranomaly

41.4516, 44.1135, 6.9023

Tritanomaly

39.7312, 43.4437, 23.4309

Monochromacy



Original Color

36.1714, 44.4012, 6.6639

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.1851, 38.1637, 18.4493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1714, 44.4012, 6.6639 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(180, 185, 0)` looks like.

```
.text, #text, p{  
    color:rgb(180, 185, 0)  
}
```

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(180, 185, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 185, 0) }
```

Border

The CSS property to change the border of an element to XYZ 36.1714, 44.4012, 6.6639 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(180, 185, 0) }
```


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

```
.border{ border-color:rgb(180, 185, 0) }
```

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

Here you see how a box with a 4 pixel rgb(180, 185, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 185, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 185, 0);  
box-shadow:4px 4px 4px 4px rgb(180, 185,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1714, 44.4012, 6.6639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 185, 0) }
```

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

```
.background{ background-color: rgb(180,  
185, 0) }
```

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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