

Converting Colors

XYZ(36.7538, 44.4973, 4.0999)

Have a look what the booklet for
XYZ(36.7538, 44.4973, 4.0999)
contains.

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Color

**XYZ(37.1481, 44.5953,
6.6498)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B800
RGB	185, 184, 0
RGB Percent	73%, 72%, 0%
CMY	0.2745, 0.2784, 0.9999
CMYK	0.00, 0.01, 1.00, 0.27
HSL	60°, 100%, 36%
HSV	60°, 100%, 73%
XYZ	37.1481, 44.5953, 6.6498
YIQ	163.3230, 59.6600, -57.0120

Conversions

Conversions Part 2

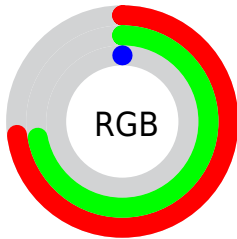
Format	Color
R _Y B	1, 185, 0
Decimal	12171264
CIE Lab	72.62, -16.43, 74.04
CIE LCh	73, 75.842, 102.514
Yxy	44.5953, 0.4203, 0.5045
Android (android.graphics.Color)	4290361344 (0xFFB9B800)
YUV	163.3230, -80.5182, 19.0107
Hunter-Lab	66.7797, -17.5688, 40.8418

Details

The XYZ color **37.1481, 44.5953, 6.6498** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **8.7681, 3.5248, 46.1168**, and the grayscale version is **35.3170, 37.1562, 40.4631**.

A 20% lighter version of the original color is **70.2642, 82.3118, 19.7739**, and **16.8687, 20.7446, 3.1150** is the 20% darker color. If you saturate the color by 10%, you get **37.1490, 44.5973, 6.6502**, and if you desaturate by 10%, it is **37.2831, 44.6841, 7.2546**.

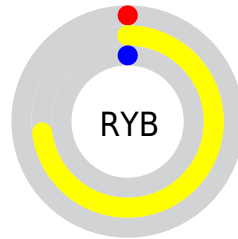
Distribution



Red (73%)

Green (72%)

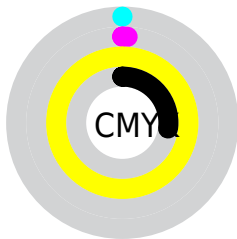
Blue (0%)



Red (0%)

Yellow (73%)

Blue (0%)

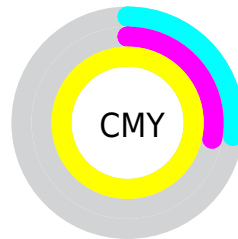


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (27%)



Cyan (27%)


Magenta (28%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1481, 44.5953, 6.6498 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 37.1481, 44.5953, 6.6498 by changing the saturation by 10% instead.


 37.1481, 44.5953,
6.6498


 37.1481, 44.5953,
6.6498


325.2957,
365.1320, 174.2403


 25.4964, 31.1388,
3.1690


 70.1129, 82.1128,
19.7659

 16.5780, 20.7045,
1.1815


 92.1566, 106.9425,
30.2382

 10.0275, 12.9082,
0.0000


 118.3951,
136.3321, 43.8781

 5.4796, 7.3654,
0.0000

 149.1936,
170.6660, 61.1041

 2.5689, 3.6916,
0.0000

 184.9176,
210.3286, 82.3348

 0.9301, 1.5026,
0.0000

 225.9324,

 0.0000, 0.2906,

255.7041, 107.9887

0.0000

272.6033,
307.1772, 138.4843

■ 0.0000, 0.0000,
0.0000

■ 37.1481, 44.5953,
6.6498

■ 37.1481, 44.5953,
6.6498

■ 37.1490, 44.5973,
6.6502

■ 37.2831, 44.6841,
7.2546

■ 37.5246, 44.8137,
8.4239

■ 37.9131, 45.0022,
10.3679

■ 38.4684, 45.2575,
13.1898

■ 39.2070, 45.5861,
16.9768

■ 40.1434, 45.9938,
21.8059

■ 41.2909, 46.4860,
27.7462

■ 42.6614, 47.0675,
34.8607

■ 44.2660, 47.7425,
43.2079

Harmonies

Analogous

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



50.4336, 44.5953, 7.0905



37.1481, 44.5953, 6.6498



27.5126, 44.5953, 12.3825

Triad

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



37.1481, 44.5953, 6.6498



26.3680, 44.5953, 115.6374



71.3133, 44.5953, 73.6821

Complementary

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



37.1481, 44.5953, 6.6498



8.7681, 3.5248, 46.1168

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.



61.8383, 44.5953, 123.7274



37.1481, 44.5953, 6.6498



35.2444, 44.5953, 155.3165

Square

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



37.1481, 44.5953, 6.6498



22.2087, 44.5953, 65.9687



48.0956, 44.5953, 158.8670



72.1181, 44.5953, 34.5146

Rectangle

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



37.1481, 44.5953, 6.6498



23.7033, 44.5953, 22.2477



48.0956, 44.5953, 158.8670



68.9589, 44.5953, 90.1540

Sweetspot

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



37.1491, 44.5974, 6.6507



73.8401, 83.2089, 49.1124



20.0246, 10.3214, 1.0259



15.7247, 17.8553, 9.5841



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.



37.1491, 44.5974, 6.6507



66.5280, 79.8619, 11.9085



22.1300, 37.1624, 6.0072



9.7460, 10.4949, 9.6189



25.2972, 30.3707, 4.5288



0.8931, 1.0733, 0.1601

Inverse Universe

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



8.7681, 3.5248, 46.1168



15.6976, 6.3014, 82.5935



12.9179, 5.6481, 46.3080



8.5249, 8.7270, 11.3146



5.9718, 2.4032, 31.4022



0.2118, 0.0874, 1.1074

Previews

White Background



This preview shows how the XYZ color 37.1481, 44.5953, 6.6498 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 37.1481, 44.5953, 6.6498 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 37.1481, 44.5953, 6.6498

Background



This preview shows how black text looks on a background with the XYZ color 37.1481, 44.5953, 6.6498.



This preview shows how white text looks on a background with the XYZ color 37.1481, 44.5953,

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

37.1481, 44.5953, 6.6498

Protanopia

40.2075, 44.6577, 6.5006

Deuteranopia

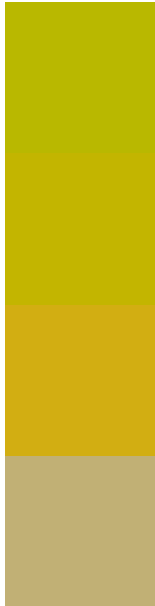
45.4489, 44.4673, 7.2862



Tritanopia

46.2406, 44.4568, 51.4913

Trichromacy



Original Color

37.1481, 44.5953, 6.6498

Protanomaly

39.0296, 44.6498, 6.5612

Deuteranomaly

41.8236, 44.0174, 6.8641

Tritanomaly

40.7285, 43.6725, 23.1126

Monochromacy



Original Color

37.1481, 44.5953, 6.6498

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.8562, 38.7832, 18.7982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1481, 44.5953, 6.6498 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(185, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(185, 184, 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(185, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 184, 0) }
```

Border

The CSS property to change the border of an element to XYZ 37.1481, 44.5953, 6.6498 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(185, 184, 0) }
```


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

```
.border{ border-color:rgb(185, 184, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 184, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 184, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 184, 0);  
box-shadow:4px 4px 4px 4px rgb(185, 184,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1481, 44.5953, 6.6498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 184, 0) }
```

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

```
.background{ background-color: rgb(185,  
184, 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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