

Converting Colors

XYZ(37.5952, 45.6991, 9.6356)

Have a look what the booklet for
XYZ(37.5952, 45.6991, 9.6356)
contains.

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Color

**XYZ(37.5952, 45.6991,
9.6356)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BB30
RGB	182, 187, 48
RGB Percent	71%, 73%, 19%
CMY	0.2863, 0.2666, 0.8117
CMYK	0.03, 0.00, 0.74, 0.27
HSL	62°, 59%, 46%
HSV	62°, 74%, 73%
XYZ	37.5952, 45.6991, 9.6356
YIQ	169.6590, 41.6390, -44.2890

Conversions

Conversions Part 2

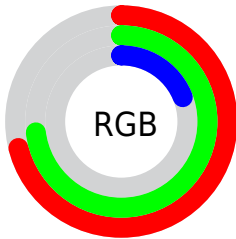
Format	Color
R _Y B	48, 187, 53
Decimal	11975472
CIE Lab	73.35, -18.10, 64.93
CIE LCh	73, 67.401, 105.576
Yxy	45.6991, 0.4046, 0.4918
Android (android.graphics.Color)	4290165552 (0xFFB6BB30)
YUV	169.6590, -59.9779, 10.8231
Hunter-Lab	67.6011, -19.0322, 38.8698

Details

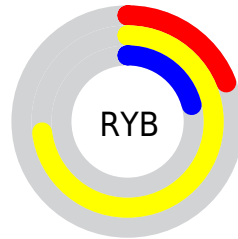
The XYZ color **37.5952, 45.6991, 9.6356** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **11.4961, 6.4596, 47.6574**, and the grayscale version is **38.3144, 40.3097, 43.8973**.

A 20% lighter version of the original color is **70.8760, 83.8219, 25.8083**, and **16.9825, 21.4102, 3.2375** is the 20% darker color. If you saturate the color by 10%, you get **37.1295, 45.4962, 8.0070**, and if you desaturate by 10%, it is **38.2264, 45.9717, 12.1227**.

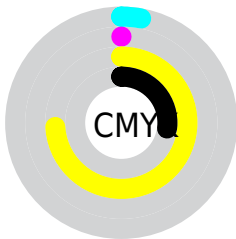
Distribution



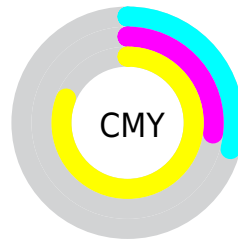
- Red (71%)
- Green (73%)
- Blue (19%)



- Red (19%)
- Yellow (73%)
- Blue (21%)



- Cyan (3%)
- Magenta (0%)
- Yellow (74%)
- Black (27%)





- Cyan (29%)
- Magenta (27%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5952, 45.6991, 9.6356 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 37.5952, 45.6991, 9.6356 by changing the saturation by 10% instead.


 37.5952, 45.6991,
9.6356


 37.5952, 45.6991,
9.6356


327.1912,
369.5976, 198.4405


 25.8444, 32.0084,
5.0556


 70.7952, 83.7685,
25.7048


 16.8394, 21.3679,
2.2206


 92.9751, 108.9160,
38.0311


 10.2146, 13.3932,
0.6862


 119.3621,
138.6513, 53.7766

 5.6049, 7.6999,
0.0000

 150.3216,
173.3587, 73.3598

 2.6447, 3.9035,
0.0000

 186.2189,
213.4226, 97.1992

 0.9688, 1.6197,
0.0000

 227.4194,

 0.0000, 0.3709,

259.2275, 125.7135

0.0000

274.2884,
311.1577, 159.3211

■ 0.0000, 0.0000,
0.0000

■ 37.5952, 45.6991,
9.6356

■ 37.5952, 45.6991,
9.6356

■ 37.1295, 45.4962,
8.0070

■ 38.2264, 45.9717,
12.1227

■ 36.8042, 45.3478,
7.1179

■ 39.0382, 46.3149,
15.5613

■ 36.6569, 45.2786,
6.8076

■ 40.0474, 46.7372,
20.0356

■ 41.2681, 47.2442,
25.6196

■ 42.7131, 47.8409,
32.3808

■ 44.3942, 48.5322,
40.3811

■ 46.3223, 49.3224,
49.6781

■ 48.5077, 50.2156,
60.3259

■ 50.9600, 51.2157,
72.3755

Harmonies

Analogous

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



49.3673, 45.6991, 9.5222



37.5952, 45.6991, 9.6356



29.0995, 45.6991, 16.6142

Triad

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



37.5952, 45.6991, 9.6356



29.3487, 45.6991, 112.4966



69.4768, 45.6991, 67.8642

Complementary

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



37.5952, 45.6991, 9.6356



11.4961, 6.4596, 47.6574

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.



61.8431, 45.6991, 110.9033



37.5952, 45.6991, 9.6356



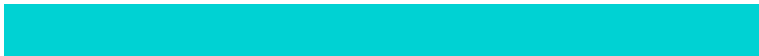
37.9992, 45.6991, 143.5999

Square

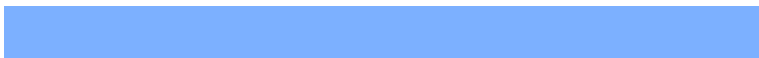
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.5952, 45.6991, 9.6356



24.9634, 45.6991, 69.4375



49.8516, 45.6991, 142.9115



69.3144, 45.6991, 34.2005

Rectangle

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



37.5952, 45.6991, 9.6356



25.8044, 45.6991, 27.3444



49.8516, 45.6991, 142.9115



67.6844, 45.6991, 81.9435

Sweetspot

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



37.5963, 45.7012, 9.6365



77.0546, 85.9086, 60.6393



22.2850, 13.2922, 4.1880



16.7996, 18.8489, 12.5547



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.5963, 45.7012, 9.6365



66.1118, 81.3055, 13.2247



25.0985, 39.2584, 9.0517



10.2874, 11.1025, 10.1774



25.2691, 31.2026, 4.6909



1.0005, 1.2277, 0.1842

Inverse Universe

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



11.4961, 6.4596, 47.6574



17.1218, 7.5408, 84.7545



18.0730, 9.8501, 47.9652



9.0474, 9.2413, 11.9791



6.2514, 2.5088, 32.5477



0.2559, 0.1039, 1.2754

Previews

White Background



This preview shows how the XYZ color 37.5952, 45.6991, 9.6356 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 37.5952, 45.6991, 9.6356 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 37.5952, 45.6991, 9.6356

Background



This preview shows how black text looks on a background with the XYZ color 37.5952, 45.6991, 9.6356.



This preview shows how white text looks on a background with the XYZ color 37.5952, 45.6991,

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

37.5952, 45.6991, 9.6356

Protanopia

41.1715, 45.3963, 9.1772

Deuteranopia

46.6165, 45.5704, 9.9534



Tritanopia

46.4613, 45.3723, 53.8859

Trichromacy



Original Color

37.5952, 45.6991, 9.6356

Protanomaly

39.9523, 45.6743, 9.3996

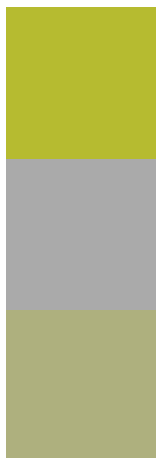
Deuteranomaly

42.9203, 45.3939, 9.7486

Tritanomaly

41.8707, 44.9935, 30.1447

Monochromacy



Original Color

37.5952, 45.6991, 9.6356

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.7468, 41.5557, 25.8230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5952, 45.6991, 9.6356 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(182, 187, 48)` looks like.

```
.text, #text, p{  
    color:rgb(182, 187, 48)  
}
```

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(182, 187, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 187, 48) }
```

Border

The CSS property to change the border of an element to XYZ 37.5952, 45.6991, 9.6356 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(182, 187, 48) }
```


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

```
.border{ border-color:rgb(182, 187, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 187, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 187, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 187, 48);  
box-shadow:4px 4px 4px 4px rgb(182, 187,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5952, 45.6991, 9.6356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 187, 48) }
```

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

```
.background{ background-color: rgb(182,  
187, 48) }
```

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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