

Converting Colors

XYZ(33.0250, 36.7662, 7.4730)

Have a look what the booklet for
XYZ(33.0250, 36.7662, 7.4730)
contains.

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Color

**XYZ(32.9671, 36.6561,
7.4356)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A429
RGB	182, 164, 41
RGB Percent	71%, 64%, 16%
CMY	0.2863, 0.3568, 0.8392
CMYK	0.00, 0.10, 0.77, 0.29
HSL	52°, 63%, 44%
HSV	52°, 77%, 71%
XYZ	32.9671, 36.6561, 7.4356
YIQ	155.3600, 50.2110, -34.4370

Conversions

Conversions Part 2

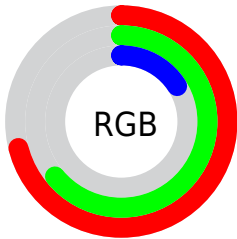
Format	Color
RYB	62, 182, 41
Decimal	11969577
CIELab	67.02, -6.53, 61.39
CIELCh	67, 61.733, 96.074
Yxy	36.6561, 0.4278, 0.4757
Android (android.graphics.Color)	4290159657 (0xFFB6A429)
YUV	155.3600, -56.3795, 23.3633
Hunter-Lab	60.5443, -8.7571, 35.0994

Details

The XYZ color **32.9671, 36.6561, 7.4356** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **10.9220, 6.9767, 45.0266**, and the grayscale version is **31.5430, 33.1857, 36.1393**.

A 20% lighter version of the original color is **63.7648, 70.2269, 21.5036**, and **14.3626, 16.1702, 2.3642** is the 20% darker color. If you saturate the color by 10%, you get **32.3084, 35.7349, 5.9951**, and if you desaturate by 10%, it is **33.7819, 37.6547, 9.6531**.

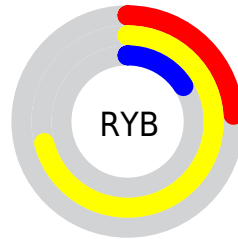
Distribution



Red (71%)

Green (64%)

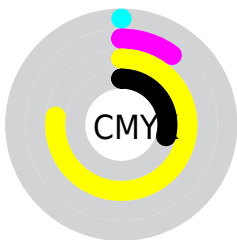
Blue (16%)



Red (24%)

Yellow (71%)

Blue (16%)

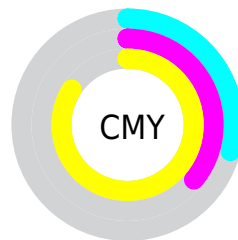


Cyan (0%)

Magenta (10%)

Yellow (77%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9671, 36.6561, 7.4356 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 32.9671, 36.6561, 7.4356 by changing the saturation by 10% instead.


 32.9671, 36.6561,
7.4356


 32.9671, 36.6561,
7.4356


307.1691,
331.8192, 181.0017

 22.2604, 24.9413,
3.6534


 63.6792, 70.0435,
21.3719

 14.1660, 16.0334,
1.4372


 84.4152, 92.4850,
32.3632


 8.3187, 9.5478,
0.1705


 109.2251,
119.2709, 46.5945

 4.3531, 5.1002,
0.0000

 138.4741,
150.7854, 64.4845

 1.9037, 2.3061,
0.0000

 172.5277,
187.4132, 86.4516

 0.5790, 0.7770,
0.0000

 211.7511,

 0.0000, 0.0000,

229.5385, 112.9145

0.0000

256.5098,
277.5457, 144.2917

■ 32.9671, 36.6561,
7.4356

■ 32.9671, 36.6561,
7.4356

■ 32.3084, 35.7349,
5.9951

■ 33.7819, 37.6547,
9.6531

■ 31.7765, 34.8752,
5.1890

■ 34.7682, 38.7326,
12.7400

■ 31.6502, 34.6629,
5.0225

■ 35.9423, 39.8980,
16.7779

■ 37.3178, 41.1563,
21.8384

■ 38.9071, 42.5125,
27.9865

■ 40.7215, 43.9712,
35.2816

■ 42.7716, 45.5366,
43.7788

■ 45.0670, 47.2128,
53.5296

■ 47.6172, 49.0036,
64.5827

Harmonies

Analogous

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



42.6769, 36.6561, 8.8722



32.9671, 36.6561, 7.4356



25.2650, 36.6561, 11.0323

Triad

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



32.9671, 36.6561, 7.4356



22.2041, 36.6561, 78.6963



54.0584, 36.6561, 64.7323

Complementary

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



32.9671, 36.6561, 7.4356



10.9220, 6.9767, 45.0266

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.



46.5732, 36.6561, 97.8921



32.9671, 36.6561, 7.4356



28.0274, 36.6561, 108.1705

Square

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



32.9671, 36.6561, 7.4356



19.8102, 36.6561, 45.6299



36.7836, 36.6561, 116.4347



56.0227, 36.6561, 34.6934

Rectangle

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



32.9671, 36.6561, 7.4356



21.9181, 36.6561, 17.4714



36.7836, 36.6561, 116.4347



52.0464, 36.6561, 76.2286

Sweetspot

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



32.9679, 36.6578, 7.4363



71.8308, 78.1316, 55.8798



20.8948, 11.8554, 5.4349



15.6121, 17.0502, 11.3341



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.



32.9679, 36.6578, 7.4363



57.8743, 63.6717, 9.7536



26.3804, 38.3855, 8.1170



9.6498, 10.3025, 9.5869



22.3851, 24.5465, 3.5581



0.8167, 0.9204, 0.1346

Inverse Universe

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



10.9220, 6.9767, 45.0266



16.4609, 8.0963, 80.9309



13.7207, 7.2753, 44.9367



8.6110, 8.8993, 11.3433



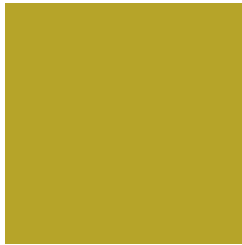
6.2103, 2.8802, 31.4817



0.2491, 0.1618, 1.1199

Previews

White Background



This preview shows how the XYZ color 32.9671, 36.6561, 7.4356 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 32.9671, 36.6561, 7.4356 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 32.9671, 36.6561, 7.4356

Background



This preview shows how black text looks on a background with the XYZ color 32.9671, 36.6561, 7.4356.



This preview shows how white text looks on a background with the XYZ color 32.9671, 36.6561,

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

32.9671, 36.6561, 7.4356

Protanopia

33.2041, 36.7783, 7.4467

Deuteranopia

37.3718, 36.6113, 7.5796



Tritanopia

39.6686, 36.5754, 40.5663

Trichromacy



Original Color

32.9671, 36.6561, 7.4356

Protanomaly

33.2041, 36.7783, 7.4467

Deuteranomaly

35.7074, 36.5059, 7.5472

Tritanomaly

36.1862, 36.1614, 22.8419

Monochromacy



Original Color

32.9671, 36.6561, 7.4356

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.7812, 33.6680, 20.7958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9671, 36.6561, 7.4356 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, 164, 41)` looks like.

```
.text, #text, p{  
    color:rgb(182, 164, 41)  
}
```

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, 164, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 164, 41) }
```

Border

The CSS property to change the border of an element to XYZ 32.9671, 36.6561, 7.4356 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, 164, 41) }
```


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

```
.border{ border-color:rgb(182, 164, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 164, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 164, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 164, 41);  
box-shadow:4px 4px 4px 4px rgb(182, 164,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9671, 36.6561, 7.4356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 164, 41) }
```

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

```
.background{ background-color: rgb(182,  
164, 41) }
```

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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